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ALIGNMENTS

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DEFINITION Remedies for arteriosclerosis.
ACCESSION BD176812
VERSION BD176812.1 GI:29122524
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 38).
AUTHORS Saiga,A., Ono,T., Yamada,K. and Hanasaki,K.
TITLE Remedies for arteriosclerosis
JOURNAL Patent: WO 02074342-A 2 26-SEP-2002;
SHIONOGI AND CO LTD,AKIHICO SAIGA,TAKASHI ONO,KATSUTOSHI YAMADA,
KOJI HANASAKI
COMMENT OS Artificial Sequence
PN WO 02074342-A/2
PD 26-SEP-2002
PR 19-MAR-2002 WO 2002JP002585
PR 19-MAR-2001 JP 01P 078569,28-DEC-2001 JP 01P 401289 PI
AKIHICO SAIGA,TAKASHI ONO,KATSUTOSHI YAMADA,KOJI HANASAKI PC
A61K45/00,A61K31/4985,A61K31/403,A61K31/437,A61K31/404,A61P43/ PC
00,A61E9/10,
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DEFINITION Sequence 16 from patent US 5972677.
ACCESSION AR081983
VERSION AR081983.1 GI:10008709
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 22)
AUTHORS Tischfield,J.A. and Seilhamer,J.J.
TITLE Mammalian phospholipase A.sub.2 nucleotide sequences low molecular weight amino acid sequences encoded thereby antisense sequences and nucleotide sequences having internal ribosome binding sites
JOURNAL Patent: US 5972677-A 16 26-OCT-1999;
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Db 22 ATACTTCCCAACATCTCTGTC 1

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DEFINITION Sequence 16 from patent US 6352849.
ACCESSION AR198379
VERSION AR198379.1 GI:20248228
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 22)
AUTHORS Tischfield,J.A. and Seilhamer,J.J.
TITLE Mammalian phospholipase A2 nucleotide sequences, low molecular weight amino acid sequences encoded thereby, antisense sequences and nucleotide sequences having internal ribosome binding sites
JOURNAL Patent: US 6352849-A 16 05-MAR-2002;
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DEFINITION
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ACCESSION  BD088099
VERSION     BD088099.1 GI:22633709
KEYWORDS   JP 2001321190-A/343.
SOURCE     synthetic construct
ORGANISM   artificial sequences.
REFERENCE  1 (bases 1 to 20)
AUTHORS    Soeda,E.
TITLE      A method of arraying genome clone
JOURNAL    Patent: JP 2001321190-A 343 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTRCS
OS Artificial Sequence
PN JP 2001321190-A/343
PD 20-NOV-2001
PF 12-MAR-2001 JP 2001068285
PI EIICHI SOEDA
PC C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566, PC
C12N15/00,
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LOCUS      20 bp      DNA      linear      SYN 21-MAY-2003
DEFINITION
Synthetic construct DNA, forward primer for human STS sts-stSG1697
at 1p36.
ACCESSION  AB067850
VERSION     AB067850.1 GI:15128654
KEYWORDS   synthetic construct
SOURCE     synthetic construct
ORGANISM   artificial sequences.
REFERENCE  1
AUTHORS    Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K.,
Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H.,
Morihashi,A., Chirra,M., Nakagawara,A., Liu,S., Hosii,M., Horii,A.
and Soeda,E.
TITLE      A BAC-based STS-content map spanning a 35-Mb region of human
chromosome 1p35-p36
JOURNAL    Genomics 74 (1), 55-70 (2001)
MEDLINE    21269192
PUBMED     11374902
REFERENCE  2 (bases 1 to 20)
AUTHORS    Horii,A.
TITLE      Direct Submission
JOURNAL    Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,
Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp,
Tel:81-22-717-8042, Fax:81-22-717-8047)
FEATURES
Location/Qualifiers
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DB 1 GGAACACTTCTCTGAGATGC 20
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DEFINITION
Regulated target expression for screening.
ACCESSION  BD211038
VERSION     BD211038.1 GI:33020808
KEYWORDS   JP 2002511239-A/61.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 24)
AUTHORS    Trias,J., Young,D. and Rosenow,C.
TITLE      Regulated target expression for screening
JOURNAL    Patent: JP 2002511239-A 61 16-APR-2002;
VERSICOR INC
COMMENT    OS Unknown
PN JP 2002511239-A/61
PD 16-APR-2002
PF 14-APR-1999 JP 2000543482
PR 14-APR-1998 US 60/098563,24-APR-1998 US 60/082952 PR
10-JUL-1998 US 60/100430,23-OCT-1998 US 60/105441 PR
23-OCT-1998 US 60/105447,29-JAN-1999 US 60/117758 PR
29-JAN-1999 US 60/117955
PI JOAQUIM TRIAS,DENNIS YOUNG,CARSTEN ROSENOW
PC C12N1/15,A61K45/00,A61P43/00,A61P43/00,C12N1/19,C12N1/21 PC
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DB 1 CAAACACATTCCTCCAGCATCTCTG 24
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LOCUS      20 bp      DNA      linear      PAT 26-JAN-2000
DEFINITION
Sequence 10 from Patent WO9911778.
ACCESSION  A98535
VERSION     A98535.1 GI:6781621
KEYWORDS   A98535.1
FEATURES
Location/Qualifiers
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source
1..20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
misc_feature 1..20
/note="forward primer for human STS sts-stSG1697 at 1p36
sts-stSG1697 obtained from clones B83K22, B47P3, B43E2,
B123D13, B290B2, B82D16 , Human BAC library RPCI-11"
Query Match 5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No.11;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 869 GGAACACTTCTCTGAGATGC 888
DB 1 GGAACACTTCTCTGAGATGC 20
RESULT 6
BD211038
LOCUS      24 bp      DNA      linear      PAT 17-JUL-2003
DEFINITION
Regulated target expression for screening.
ACCESSION  BD211038
VERSION     BD211038.1 GI:33020808
KEYWORDS   JP 2002511239-A/61.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 24)
AUTHORS    Trias,J., Young,D. and Rosenow,C.
TITLE      Regulated target expression for screening
JOURNAL    Patent: JP 2002511239-A 61 16-APR-2002;
VERSICOR INC
COMMENT    OS Unknown
PN JP 2002511239-A/61
PD 16-APR-2002
PF 14-APR-1999 JP 2000543482
PR 14-APR-1998 US 60/098563,24-APR-1998 US 60/082952 PR
10-JUL-1998 US 60/100430,23-OCT-1998 US 60/105441 PR
23-OCT-1998 US 60/105447,29-JAN-1999 US 60/117758 PR
29-JAN-1999 US 60/117955
PI JOAQUIM TRIAS,DENNIS YOUNG,CARSTEN ROSENOW
PC C12N1/15,A61K45/00,A61P43/00,A61P43/00,C12N1/19,C12N1/21 PC
,C12N5/10,C12N5/10,
PC C12N5/10,C12N15/09,C12P21/02,C12Q1/02,C12Q1/04,G01N33/15, PC
G01N33/50,
PC C12N5/00,C12N5/00,C12N5/00,C12N15/00
CC Regulated target expression for screening.
FH Key Location/Qualifiers
FT source 1..24
FT Location/Qualifiers
FEATURES
source
1..24
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
Query Match 4.4%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred.No.36;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 519 CCAATACCTTCCCAACATCTCTG 542
DB 1 CAAACACATTCCTCCAGCATCTCTG 24
RESULT 7
A98535
LOCUS      20 bp      DNA      linear      PAT 26-JAN-2000
DEFINITION
Sequence 10 from Patent WO9911778.
ACCESSION  A98535
VERSION     A98535.1 GI:6781621
KEYWORDS   A98535.1
FEATURES
Location/Qualifiers
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RESULT 9
AX404220
LOCUS

Mon Mar 8 14:22:23 2004

QY 753 CAGGGTCCCTAGGCTC 769
Db 19 CAGGGTCCCGAGGCTC 3

RESULT 14
BD132170/c
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT

BD132170 19 bp DNA linear PAT 18-SEP-2002
DNA diagnosis method based on mass spectrometry.
BD132170.1 GI:23227115
BD132170
JP 2002507883-A/102.
synthetic construct
artificial sequences.
1 (bases 1 to 19)
Koster, H., Little, D.P., Braun, A., Lough, D.M., Xiang, G.,
Boom, D.V.D., Jurinke, C. and Rupert, A.
DNA diagnosis method based on mass spectrometry
Patent: JP 2002507883-A 102 12-MAR-2002;
SEQUENOM INC
PN JP 2002507883-A/102
PD 12-MAR-2002
PF 06-NOV-1997 JP 1998521832
PR 06-NOV-1996 US 08/744481, 06-NOV-1996 US 08/746036 PR
06-NOV-1996 US 08/746055, 06-NOV-1996 US 08/744590 PR
23-JAN-1997 US 08/786988, 23-JAN-1997 US 08/787639 PR
19-SEP-1997 US 08/933792, 08-OCT-1997 US 08/947801 PI HUBERT
KOSTER, DANIEL P LITTLE, ANDREAS BRAUN, DAVID M LOUGH, FI GUOBING
XIANG.
PI DIRK VAN DEN BOOM, CHRISTIAN JURINKE, ANDREAS RUPERT PC
CI2Q1/68, C07H21/00, C07F9/24
CC Strandedness: Single;
CC Topology: Unknown;
FH Key Location/Qualifiers.

FEATURES
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 3.9%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 63;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 753 CAGGGTCCCTAGGCTC 769
Db 19 CAGGGTCCCGAGGCTC 3

RESULT 15
AR315394/c
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source

AR315394 20 bp DNA linear PAT 12-JUN-2003
Sequence 5931 from patent US 6559294.
AR315394
AR315394.1 GI:31708820
Unknown.
Unclassified.
1 (bases 1 to 20)
Griffais, R., Holseth, S.K., Zagursky, R.J., Metcalf, B.J., Peek, J.A.,
Sankaran, B. and Fletcher, D.D.
Chlamydia pneumoniae polynucleotides and uses thereof
Patent: US 6559294-A 5931 06-MAY-2003;
SEQUENOM, INC. (US)
Location/Qualifiers
1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 3.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 68;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

TITLE Human posh-like protein 1
JOURNAL Patent: EP 1239051-A 1116 11-SEP-2002;
Aeomica, Inc. (US)
FEATURES
source
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 3.9%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 53;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 744 GTAGGGTCCCGAGGCTC 760
Db 1 GTAGGGGCCCCAGGCTC 17

RESULT 12
AR294437/c
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source

AR294437 19 bp DNA linear PAT 12-JUN-2003
Sequence 6172 from patent US 6537751.
AR294437
AR294437.1 GI:31681721
Unknown.
Unclassified.
1 (bases 1 to 19)
Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
Patent: US 6537751-A 6172 25-MAR-2003;
Location/Qualifiers
1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 3.9%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 63;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 873 CACTTCCCTGAGATGCA 889
Db 17 CACTTCCCTGAGATGCA 1

RESULT 13
AX328605/c
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source

AX328605 19 bp DNA linear PAT 08-JAN-2002
Sequence 102 from Patent EP164203.
AX328605
AX328605.1 GI:18101804
unidentified
unidentified
Unclassified.
1
Koester, H., Little, D.P., Braun, A., Jurinke, C., van den Boom, D.,
Xiang, G., Lough, D.M., Rupert, A. and Hillenkamp, F.
Dna diagnostics based on mass spectrometry
Patent: EP 164203-A 102 19-DEC-2001;
SEQUENOM, INC. (US)
Location/Qualifiers
1..19
/organism="unassigned DNA"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 3.9%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 63;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Mon Mar 8 14:22:23 2004

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QY 728 CTGGTCATAGGACTTGG 744
Db 17 CTGGTCATAGGACTTGG 1

RESULT 16
LOCUS AR009520 linear PAT 04-DEC-1998
DEFINITION Sequence 1 from patent US 5756312.
ACCESSION AR009520
VERSION AR009520.1 GI:3968325
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Weiner,A.J. and Houghton,M.
TITLE Immunoreactive polypeptide compositions
JOURNAL Patent: US 5756312-A 1 26-MAY-1998;
FEATURES
source
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    1..20
    /organism="unknown"
    /mol_type="unassigned DNA"

Query Match 3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 74;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 548 AGGCCTCCCGAGCGAGCTCC 567
Db 20 AGGACTCCCGAGTGAGCACC 1

RESULT 19
LOCUS I66207/c linear PAT 28-DEC-1997
DEFINITION Sequence 1 from patent US 5670153.
ACCESSION I66207
VERSION I66207.1 GI:2724184
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Weiner,A.J. and Houghton,M.
TITLE Immunoreactive polypeptide compositions
JOURNAL Patent: US 5670153-A 1 23-SEP-1997;
FEATURES
source
    Location/Qualifiers
    1..20
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Query Match 3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 74;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 548 AGGCCTCCCGAGCGAGCTCC 567
Db 20 AGGACTCCCGAGTGAGCACC 1

RESULT 20
LOCUS AX293310 linear PAT 21-NOV-2001
DEFINITION Sequence 5072 from Patent WO0179548.
ACCESSION AX293310
VERSION AX293310.1 GI:17054993
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Barany,F., Zirvi,M., Gerry,N.P., Favis,R. and Kliman,R.
TITLE Method of designing addressable array for detection of nucleic acid
JOURNAL sequence differences using ligase detection reaction
FEATURES
source
    Location/Qualifiers
    1..20
    /organism="synthetic construct"
    /mol_type="unassigned DNA"
    /db_xref="taxon:32630"
    /note="Hypothetical Probe Sequence"

Query Match 3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 74;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 548 AGGCCTCCCGAGCGAGCTCC 567
Db 20 AGGACTCCCGAGTGAGCACC 1

RESULT 18
LOCUS I66194 linear PAT 28-DEC-1997
DEFINITION Sequence 1 from patent US 5670152.
ACCESSION I66194
VERSION I66194.1 GI:2724171
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
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schultz149-3.rge

Mon Mar 8 14:22:23 2004

QY 869 GGAACACTTCTCGAGTGC 888
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 DB 1 GGAACACTTCTCGAGTGC 20

RESULT 23
 BD165772/c
 LOCUS
 DEFINITION
 ACCESSION
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM

AX764697
 Sequence 167 from Patent WO03004704.
 AX764697.1 GI:32258905
 synthetic construct
 synthetic construct
 artificial sequences.

REFERENCE
 AUTHORS
 TITLE
 JOURNAL
 FEATURES
 source

Otte, A.P. and Kruckeberg, A.L.
 Dna sequences comprising gene transcription regulatory qualities
 and methods for detecting and using such dna sequences
 Patent: WO 03004704-A 167 16-JAN-2003;
 Chromagenics B.V. (NL)
 Location/Qualifiers
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 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="oligonucleotide E21"

Query Match 3.8%; Score 15.2; DB 1; Length 20;
 Best Local Similarity 85.0%; Pred. No. 74;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 606 AGAGTACTGACTCTGCCTGG 625
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 DB 20 AGAGTCCGAGTCTGCCTGG 1

RESULT 22
 BD089860
 LOCUS
 DEFINITION
 ACCESSION
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM

BD089860
 A method of arraying genome clone.
 BD089860
 BD089860.1 GI:22635470
 JP 2001321190-A/2104.
 synthetic construct
 synthetic construct
 artificial sequences.
 1 (bases 1 to 20)
 Soeda, E.
 A method of arraying genome clone
 Patent: JP 2001321190-A 2104 20-NOV-2001;
 THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
 GENOTECHS
 OS Artificial Sequence
 PN JP 2001321190-A/2104
 PD 20-NOV-2001
 PF 12-MAR-2001 JP 2001068285
 PI EIICHI SOEDA
 PC C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566, PC
 C12N15/00,
 PC C12N15/00
 CC Description of Artificial Sequence: Synthetic DNA FH Key
 Location/Qualifiers
 FT source 1..20
 /organism="Artificial Sequence".
 FT Location/Qualifiers
 1..20
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"

Query Match 3.8%; Score 15.2; DB 1; Length 20;
 Best Local Similarity 85.0%; Pred. No. 74;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 548 AGGCTCTCCCGAGCTCC 567
 |||||
 DB 20 AGGCTCTCCCGAGCTCC 1

RESULT 24
 AR200639
 LOCUS
 DEFINITION
 ACCESSION
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM

AR200639
 Sequence 28 from patent US 6358680.
 AR200639
 AR200639.1 GI:20251527
 Unknown.
 Unknown.
 Unclassified.
 1 (bases 1 to 21)
 Beck, J. Joseph.
 Detection of wheat and barley fungal pathogens using the polymerase
 chain reaction
 Patent: US 6358680-A 28 19-MAR-2002;
 JOURNAL
 FEATURES
 source 1..21
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 /mol_type="unassigned DNA"

Query Match 3.8%; Score 15.2; DB 1; Length 20;
 Best Local Similarity 85.0%; Pred. No. 74;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 548 AGGCTCTCCCGAGCTCC 567
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 DB 20 AGGCTCTCCCGAGCTCC 1

RESULT 24
 AR200639
 LOCUS
 DEFINITION
 ACCESSION
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM

AR200639
 Sequence 28 from patent US 6358680.
 AR200639
 AR200639.1 GI:20251527
 Unknown.
 Unknown.
 Unclassified.
 1 (bases 1 to 21)
 Beck, J. Joseph.
 Detection of wheat and barley fungal pathogens using the polymerase
 chain reaction
 Patent: US 6358680-A 28 19-MAR-2002;
 JOURNAL
 FEATURES
 source 1..21
 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 3.8%; Score 15.2; DB 1; Length 20;
 Best Local Similarity 85.0%; Pred. No. 74;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 869 GGAACACTTCTCGAGTGC 888
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 DB 1 GGAACACTTCTCGAGTGC 20

RESULT 23
 BD165772/c
 LOCUS
 DEFINITION
 ACCESSION
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM

BD165772
 Immunoreactive hepatitis C virus polypeptide compositions.
 BD165772
 BD165772.1 GI:27871584
 JP 2002167336-A/1.
 unidentified
 unidentified
 unclassified.

REFERENCE
 AUTHORS
 TITLE
 JOURNAL
 COMMENT

1 (bases 1 to 20)
 Weiner, A.J. and Houghton, M.
 Immunoreactive hepatitis C virus polypeptide compositions
 Patent: JP 2002167336-A 1 11-JUN-2002;
 CHIRON CORP
 OS Unidentified
 PN JP 2002167336-A/1
 PD 11-JUN-2002
 PF 11-JUL-2001 JP 2001211447
 PR 13-SEP-1991 US 759575
 PI AMY J WEINER, MICHAEL HOUGHTON
 PC A61K39/29, A61P31/12, C07K14/18, C07K16/10, C12N1/15, C12N1/19, PC
 C12N1/21,
 PC C12N5/10, C12N15/09, C12P21/02, G01N33/576, C12N15/00, C12N5/00 CC

Query Match 3.8%; Score 15.2; DB 1; Length 20;
 Best Local Similarity 85.0%; Pred. No. 74;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 548 AGGCTCTCCCGAGCTCC 567
 |||||
 DB 20 AGGCTCTCCCGAGCTCC 1

RESULT 24
 AR200639
 LOCUS
 DEFINITION
 ACCESSION
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM

AR200639
 Sequence 28 from patent US 6358680.
 AR200639
 AR200639.1 GI:20251527
 Unknown.
 Unknown.
 Unclassified.
 1 (bases 1 to 21)
 Beck, J. Joseph.
 Detection of wheat and barley fungal pathogens using the polymerase
 chain reaction
 Patent: US 6358680-A 28 19-MAR-2002;
 JOURNAL
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 /mol_type="unassigned DNA"

Query Match 3.8%; Score 15.2; DB 1; Length 20;
 Best Local Similarity 85.0%; Pred. No. 74;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 548 AGGCTCTCCCGAGCTCC 567
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 DB 20 AGGCTCTCCCGAGCTCC 1

RESULT 24
 AR200639
 LOCUS
 DEFINITION
 ACCESSION
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM

AR200639
 Sequence 28 from patent US 6358680.
 AR200639
 AR200639.1 GI:20251527
 Unknown.
 Unknown.
 Unclassified.
 1 (bases 1 to 21)
 Beck, J. Joseph.
 Detection of wheat and barley fungal pathogens using the polymerase
 chain reaction
 Patent: US 6358680-A 28 19-MAR-2002;
 JOURNAL
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 source 1..21
 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 3.8%; Score 15.2; DB 1; Length 20;
 Best Local Similarity 85.0%; Pred. No. 74;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 548 AGGCTCTCCCGAGCTCC 567
 |||||
 DB 20 AGGCTCTCCCGAGCTCC 1

RESULT 24
 AR200639
 LOCUS
 DEFINITION
 ACCESSION
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM

AR200639
 Sequence 28 from patent US 6358680.
 AR200639
 AR200639.1 GI:20251527
 Unknown.
 Unknown.
 Unclassified.
 1 (bases 1 to 21)
 Beck, J. Joseph.
 Detection of wheat and barley fungal pathogens using the polymerase
 chain reaction
 Patent: US 6358680-A 28 19-MAR-2002;
 JOURNAL
 FEATURES
 source 1..21
 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 3.8%; Score 15.2; DB 1; Length 20;
 Best Local Similarity 85.0%; Pred. No. 74;
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Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 707 GCGAGTCCCGAGAGTGAC 726
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Db 2 GCGAGTCTCGGAGAGAGAC 21

/db_xref="taxon:32630"

Query Match 3.8%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 80;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 707 GCGAGTCCCGAGAGTGAC 726
    ||||| | | | | | | | | | |
Db 2 GCGAGTCTCGGAGAGAGAC 21

RESULT 25
AX041989/c
LOCUS 21 bp DNA linear PAT 23-NOV-2000
DEFINITION Sequence 19 from Patent WO0065067.
ACCESSION AX041989
VERSION AX041989.1 GI:11340752
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Nelson,P.S., Hood,L. and Lin,B.
TITLE Prostate-specific polynucleotides, polypeptides and their methods
JOURNAL of use
PATENT: WO 0065067-A 19 02-NOV-2000;
The University of Washington (US)
LOCATION/Qualifiers
FEATURES
source 1
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    /mol_type="synthetic DNA"
    /db_xref="taxon:32630"
    /note="PCR Primer"
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    /bound_moiety="ARSDR1 PCR primer 6A4N2"
misc_binding 1..21

Query Match 3.8%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 80;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 530 CCACATCCTCTGCTCCCTAG 549
    ||||| | | | | | | | | | |
Db 20 CCACATCCTCTTACCCAG 1

RESULT 26
BD137914
LOCUS 21 bp DNA linear PAT 18-SEP-2002
DEFINITION Detection of wheat and barley fungal pathogens using the polymerase
chain reaction.
ACCESSION BD137914
VERSION BD137914.1 GI:23232859
KEYWORDS JP 2002504347-A/28.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 21)
AUTHORS Beck,J.J.
TITLE Detection of wheat and barley fungal pathogens using the polymerase.
JOURNAL chain reaction
PATENT: JP 2002504347-A 28 12-FEB-2002;
COMMENT NOVARTIS AG
OS Artificial Sequence
PN JP 2002504347-A/28
PD 12-FEB-2002
PR 18-FEB-1999 JP 2000532549
PP 20-FEB-1998 US 09/026601
PI JAMES JOSEPH BECK
PC C12N15/09,C12N15/58,C12N15/00
CC Description of Artificial
Location/Qualifiers
FT source 1..21
    /organism='Artificial Sequence'.
    Location/Qualifiers
    1..21
    /organism="synthetic construct"
    /mol_type="genomic DNA"

Query Match 3.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 73;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 840 TCTCTGAAGACAGCGTCC 857
    ||||| | | | | | | | | | |
Db 18 TGTCTGAAGACAGCGTCC 1

RESULT 28
AR041219/c
LOCUS 18 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 9 from patent US 5811300.
ACCESSION AR041219
VERSION AR041219.1 GI:5961715
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Sullivan,S., Draper,K., Kisich,K., Stinchcomb,D.T. and McSwiggen,J.
TITLE TNF- $\alpha$  ribozymes
JOURNAL Patent: US 5811300-A 9 22-SEP-1998;
LOCATION/Qualifiers
FEATURES
source 1..18
    /organism="unknown"
    /mol_type="unassigned DNA"

Query Match 3.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 73;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 840 TCTCTGAAGACAGCGTCC 857
    ||||| | | | | | | | | | |
Db 18 TGTCTGAAGACAGCGTCC 1

RESULT 29
AR042362/c
LOCUS 18 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 1152 from patent US 5811300.
ACCESSION AR042362
VERSION AR042362.1 GI:5962858
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KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Sullivan,S., Draper,K., Kisich,K., Stinchcomb,D.T. and McSwiggen,J.
TITLE TNF- α . ribozymes
JOURNAL Patent: US 5811300-A 1152 22-SEP-1998;
FEATURES Location/Qualifiers
source
1..18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 73;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 840 TCTCTGAAGACAGCGTCC 857
| | | | | | | | | | | | | | | | | |
Db 18 TGTCTGAAGACAGCGTCC 1

RESULT 30
AR059170/c
LOCUS AR059170 18 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 25 from patent US 5837855.
ACCESSION AR059170
VERSION AR059170.1 GI:5984747
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Chowrira,B. and McSwiggen,J.
TITLE Hairpin ribozymes
JOURNAL Patent: US 5837855-A 25 17-NOV-1998;
FEATURES Location/Qualifiers
source
1..18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 73;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 840 TCTCTGAAGACAGCGTCC 857
| | | | | | | | | | | | | | | | | |
Db 18 TGTCTGAAGACAGCGTCC 1

RESULT 31
AR059172/c
LOCUS AR059172 18 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 27 from patent US 5837855.
ACCESSION AR059172
VERSION AR059172.1 GI:5984749
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Chowrira,B. and McSwiggen,J.
TITLE Hairpin ribozymes
JOURNAL Patent: US 5837855-A 27 17-NOV-1998;
FEATURES Location/Qualifiers
source
1..18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 73;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 840 TCTCTGAAGACAGCGTCC 857
| | | | | | | | | | | | | | | | | |
Db 18 TGTCTGAAGACAGCGTCC 1

RESULT 32
I71535
LOCUS I71535 18 bp DNA linear PAT 03-APR-1998
DEFINITION Sequence 3 from patent US 5681943.
ACCESSION I71535
VERSION I71535.1 GI:3007670
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Letsinger,R.Lewis. and Gryaznov,S.M.
TITLE Method for covalently linking adjacent oligonucleotides
JOURNAL Patent: US 5681943-A 3 28-OCT-1997;
FEATURES Location/Qualifiers
source
1..18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 73;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 527 TTCCCAACATCTCTGCT 544
| | | | | | | | | | | | | | | | | |
Db 1 TTCCCAACATCTCTGCT 18

RESULT 33
AX637816/c
LOCUS AX637816 18 bp RNA linear PAT 21-FEB-2003
DEFINITION Sequence 4955 from Patent EP1260586.
ACCESSION AX637816
VERSION AX637816.1 GI:28473430
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1
AUTHORS Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A.,
Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J.,
McSwiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Woolf,T.
TITLE Method and reagent for inhibiting the expression of disease related
Genes
JOURNAL Patent: EP 1260586-A 4955 27-NOV-2002;
FEATURES RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
source
1..18
/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"

Query Match 3.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 73;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 840 TCTCTGAAGACAGCGTCC 857
| | | | | | | | | | | | | | | | | |
Db 18 TGTCTGAAGACAGCGTCC 1

RESULT 34
AX131358
LOCUS AX131358 19 bp DNA linear PAT 15-MAY-2001
DEFINITION Sequence 2576 from Patent WO0130362.
ACCESSION AX131358


```

VERSION      AX131358.1  GI:14137663
SOURCE       Homo sapiens (human)
ORGANISM     Homo sapiens
REFERENCE    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS      Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
TITLE        Robbins,J.M. and Tritz,R.
JOURNAL      Ribozyme therapy for the treatment of proliferative skin and eye
FEATURES     diseases
SOURCE       Patents: WO 0130362-A 2576 03-MAY-2001;
             IMMUSOL, INC. (US)
             Location/Qualifiers
             1..19
             /organism="Homo sapiens"
             /mol_type="unassigned DNA"
             /db_xref="taxon:9606"
             /note="Cyclin G1 ribozyme binding site"

Query Match      3.7%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 80;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 537 CCTCTGCTCCTAGGCTC 554
Db 2 CCTCTCCTCGTAGGCTC 19

RESULT 35
A81014
LOCUS      A81014
DEFINITION Sequence 66 from Patent EP0918091.
ACCESSION A81014
VERSION    A81014.1  GI:6731587
KEYWORDS   Homo sapiens (human)
SOURCE     Homo sapiens
ORGANISM   Homo sapiens
REFERENCE   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS     Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
TITLE       Kahn,A. and Chelly,J.
JOURNAL     A gene called XLIS and the XLIS gene product, called doublecortin
            and their applications
            Patent: EP 0918091-A 66 26-MAY-1999;
            INST NAT SANTE RECH MED (FR)
FEATURES    Location/Qualifiers
            1..20
            /organism="Homo sapiens"
            /mol_type="unassigned DNA"
            /db_xref="taxon:9606"

Query Match      3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 86;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 825 CTGTGCTCTCTTCTCTCT 842
Db 3 CTGTGCTCTCTCTCTCTCT 20

RESULT 36
A95393
LOCUS      A95393
DEFINITION Sequence 66 from Patent WO9927089.
ACCESSION A95393
VERSION    A95393.1  GI:6779437
KEYWORDS   Homo sapiens (human)
SOURCE     Homo sapiens
ORGANISM   Homo sapiens
REFERENCE   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS     Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
TITLE       Francis,F. and Kahn,A.

VERSION      AX131358.1  GI:14137663
SOURCE       Homo sapiens (human)
ORGANISM     Homo sapiens
REFERENCE    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS      Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
TITLE        Robbins,J.M. and Tritz,R.
JOURNAL      Ribozyme therapy for the treatment of proliferative skin and eye
FEATURES     diseases
SOURCE       Patents: WO 0130362-A 2576 03-MAY-2001;
             IMMUSOL, INC. (US)
             Location/Qualifiers
             1..19
             /organism="Homo sapiens"
             /mol_type="unassigned DNA"
             /db_xref="taxon:9606"
             /note="Cyclin G1 ribozyme binding site"

Query Match      3.7%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 80;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 537 CCTCTGCTCCTAGGCTC 554
Db 2 CCTCTCCTCGTAGGCTC 19

RESULT 35
A81014
LOCUS      A81014
DEFINITION Sequence 66 from Patent EP0918091.
ACCESSION A81014
VERSION    A81014.1  GI:6731587
KEYWORDS   Homo sapiens (human)
SOURCE     Homo sapiens
ORGANISM   Homo sapiens
REFERENCE   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS     Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
TITLE       Kahn,A. and Chelly,J.
JOURNAL     A gene called XLIS and the XLIS gene product, called doublecortin
            and their applications
            Patent: EP 0918091-A 66 26-MAY-1999;
            INST NAT SANTE RECH MED (FR)
FEATURES    Location/Qualifiers
            1..20
            /organism="Homo sapiens"
            /mol_type="unassigned DNA"
            /db_xref="taxon:9606"

Query Match      3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 86;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 825 CTGTGCTCTCTTCTCTCT 842
Db 3 CTGTGCTCTCTCTCTCTCT 20

RESULT 36
A95393
LOCUS      A95393
DEFINITION Sequence 66 from Patent WO9927089.
ACCESSION A95393
VERSION    A95393.1  GI:6779437
KEYWORDS   Homo sapiens (human)
SOURCE     Homo sapiens
ORGANISM   Homo sapiens
REFERENCE   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS     Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
TITLE       Francis,F. and Kahn,A.

TITLE      A GENE CALLED XLIS AND THE XLIS GENE PRODUCT, CALLED DOUBLECORTIN
            AND THEIR PREPARATIONS
JOURNAL    Patent: WO 9927089-A 66 03-JUN-1999;
            INST NAT SANTE RECH MED (FR); FRANCIS FIONA (FR)
FEATURES    Location/Qualifiers
            1..20
            /organism="Homo sapiens"
            /mol_type="unassigned DNA"
            /db_xref="taxon:9606"

Query Match      3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 86;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 825 CTGTGCTCTCTTCTCTCT 842
Db 3 CTGTGCTCTCTCTCTCTCT 20

RESULT 37
AX201535
LOCUS      AX201535
DEFINITION Sequence 214 from Patent WO0153486.
ACCESSION AX201535
VERSION    AX201535.1  GI:15391372
KEYWORDS   synthetic construct
SOURCE     synthetic construct
ORGANISM   synthetic construct
            artificial sequences
            1
REFERENCE   Ashkenazi,A.J., Goddard,A., Godowski,P.J., Gurney,A.L.,
            Hillan,K.J., Marsters,S.A., Pan,J., Pitti,R.M., Roy,M.A., Smith,V.,
            Stone,D.M., Watanabe,C.K. and Wood,W.I.
            Compositions and methods for the treatment of tumour
            Patent: WO 0153486-A 214 26-JUL-2001;
            Genentech, Inc. (US)
FEATURES    Location/Qualifiers
            1..20
            /organism="synthetic construct"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"
            /note="Synthetic Oligonucleotide Probe."

Query Match      3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 86;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 760 CCTAGGCTCCACTTCTG 777
Db 1 CCTTGGCTCCACTTCTG 18

RESULT 38
AX497990
LOCUS      AX497990
DEFINITION Sequence 23 from Patent WO02057302.
ACCESSION AX497990
VERSION    AX497990.1  GI:23343027
KEYWORDS   synthetic construct
SOURCE     synthetic construct
ORGANISM   synthetic construct
            artificial sequences
            1
REFERENCE   de Jong,J.C., Fouchier,R.A., van den Hoogen,B.G., Osterhaus,A.D.
            and Groen,J.
            A virus causing respiratory tract illness in susceptible mammals
            Patent: WO 02057302-A 23 25-JUL-2002;
            Viroclinics B.V. (NL)
FEATURES    Location/Qualifiers
            1..20
            /organism="synthetic construct"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"

TITLE      A GENE CALLED XLIS AND THE XLIS GENE PRODUCT, CALLED DOUBLECORTIN
            AND THEIR PREPARATIONS
JOURNAL    Patent: WO 9927089-A 66 03-JUN-1999;
            INST NAT SANTE RECH MED (FR); FRANCIS FIONA (FR)
FEATURES    Location/Qualifiers
            1..20
            /organism="Homo sapiens"
            /mol_type="unassigned DNA"
            /db_xref="taxon:9606"

Query Match      3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 86;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 825 CTGTGCTCTCTTCTCTCT 842
Db 3 CTGTGCTCTCTCTCTCTCT 20

RESULT 36
A95393
LOCUS      A95393
DEFINITION Sequence 66 from Patent WO9927089.
ACCESSION A95393
VERSION    A95393.1  GI:6779437
KEYWORDS   Homo sapiens (human)
SOURCE     Homo sapiens
ORGANISM   Homo sapiens
REFERENCE   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS     Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
TITLE       Francis,F. and Kahn,A.
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/note="primer L7"

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Query Match          3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 86;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 653 ACCTCAGTCTTCTCGAA 670
Db 2 ACCCCAGTCTTCTTGAA 19

RESULT 39
BD089550/c
LOCUS          20 bp      DNA      linear      PAT 27-AUG-2002
DEFINITION     A method of arraying genome clone.
ACCESSION      BD089550
VERSION        BD089550.1 GI:22635160
KEYWORDS       JP 2001321190-A/1794.
SOURCE         synthetic construct
ORGANISM       artificial sequences.
REFERENCE      1 (bases 1 to 20)
AUTHORS        Soeda,E.
TITLE          A method of arraying genome clone
JOURNAL        Patent: JP 2001321190-A 1794 20-NOV-2001;
               THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
               GENOTECHS
COMMENT        OS Artificial Sequence
               PN JP 2001321190-A/1794
               PD 20-NOV-2001
               PF 12-MAR-2001 JP 2001068285
               PI EIICHI SOEDA
               PC C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566, PC
               C12N15/00
               PC C12N15/00
               CC Description of Artificial Sequence:Synthetic DNA FH Key
               LOCATION/Qualifiers
               FT source
               FT 1. 20
               LOCATION/Qualifiers
               /organism='Artificial Sequence'.
               /mol_type="synthetic construct"
               /db_xref="taxon:32630"

Query Match          3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 86;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 778 AGGCGAGCCCTCTCTGATG 795
Db 19 AGGCGAGCCCTCTCTGATG 2

RESULT 40
AB068887/c
LOCUS          20 bp      DNA      linear      SYN 21-MAY-2003
DEFINITION     Synthetic construct DNA, reverse primer for human STS sts-stSG3454
               at 1p36.
ACCESSION      AB068887
VERSION        AB068887.1 GI:15129691
KEYWORDS       synthetic construct
SOURCE         synthetic construct
ORGANISM       artificial sequences.
REFERENCE      1
AUTHORS        Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K.,
               Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H.,
               Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A.
               and Soeda,E.
TITLE          A BAC-based STS-content map spanning a 35-Mb region of human
               chromosome 1p35-p36
JOURNAL        Genomics 74 (1), 55-70 (2001)

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MEDLINE          21269192
PUBMED          11374902
REFERENCE        2 (bases 1 to 20)
AUTHORS         Horii,A.
TITLE           Direct Submission
JOURNAL         Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
               Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,
               Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp,
               Tel:81-22-717-8042, Fax:81-22-717-8047)
FEATURES        Location/Qualifiers
source          1. 20
               /organism="synthetic construct"
               /mol_type="genomic DNA"
               /db_xref="taxon:32630"
misc_feature    1. 20
               /note="reverse primer for human STS sts-stSG3454 at 1p36
               sts-stSG3454 obtained from clones B6211, B93J5, B68F1,
               B88E8, B311M18, B109A8, B153L4, B319H19, Human BAC library
               RPCI-11"
Query Match          3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 86;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 778 AGGCGAGCCCTCTCTGATG 795
Db 19 AGGCGAGCCCTCTCTGATG 2

RESULT 41
AR292607
LOCUS          21 bp      DNA      linear      PAT 12-JUN-2003
DEFINITION     Sequence 4342 from patent US 6537751.
ACCESSION      AR292607
VERSION        AR292607.1 GI:31679891
KEYWORDS       .
SOURCE         Unknown.
ORGANISM       Unclassified.
REFERENCE      1 (bases 1 to 21)
AUTHORS        Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE          Biallelic markers for use in constructing a high density
               disequilibrium map of the human genome
JOURNAL        Patent: US 6537751-A 4342 25-MAR-2003;
FEATURES        Location/Qualifiers
source          1. 21
               /organism="unknown"
               /mol_type="genomic DNA"

Query Match          3.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 93;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 513 ACAGTACCAATCTTCC 530
Db 4 ACACCAACCAATCTTCC 21

RESULT 42
AX531606
LOCUS          17 bp      DNA      linear      PAT 22-NOV-2002
DEFINITION     Sequence 1115 from Patent EP1239051.
ACCESSION      AX531606
VERSION        AX531606.1 GI:25255002
KEYWORDS       .
SOURCE         Homo sapiens (human)
ORGANISM       Homo sapiens
               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
               Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE      1
AUTHORS        Shannon,M.
TITLE          Human posh-like protein 1
JOURNAL        Patent: EP 1239051-A 1115 11-SEP-2002;

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FEATURES
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    Aeomica, Inc. (US)
    1..17
    /organism="Homo sapiens"
    /mol_type="unassigned DNA"
    /db_xref="taxon:9606"

Query Match
  Best Local Similarity 3.6%; Score 14.4; DB 1; Length 17;
  Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 744 GTAGGTCCTCCAGGTC 759
Db 2 GTAGGGCCAGGTC 17

RESULT 43
AX531608
LOCUS
  DEFINITION
    Sequence 1117 from Patent EPI239051.
  ACCESSION
    AX531608
  VERSION
    AX531608.1 GI:25255006
  KEYWORDS
    .
  SOURCE
    Homo sapiens (human)
  ORGANISM
    Homo sapiens
    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
    Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
  REFERENCE
    1
    AUTHORS
      Shannon,M.
    TITLE
      Human pash-like protein 1
    JOURNAL
      Patent: EP 1239051-A 1117 11-SEP-2002;
    Aeomica, Inc. (US)
  FEATURES
    source
      1..17
      /organism="Homo sapiens"
      /mol_type="unassigned DNA"
      /db_xref="taxon:9606"

Query Match
  Best Local Similarity 3.6%; Score 14.4; DB 1; Length 17;
  Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 745 TAGGGTCCTCCAGGTC 760
Db 1 TAGGGCCAGGTC 16

RESULT 44
AR150370/c
LOCUS
  DEFINITION
    Sequence 446 from patent US 6228642.
  ACCESSION
    AR150370
  VERSION
    AR150370.1 GI:15114961
  KEYWORDS
    .
  SOURCE
    Unknown.
  ORGANISM
    Unclassified.
  REFERENCE
    1 (bases 1 to 20)
    AUTHORS
      Baker,B.F., Bennett,C.Frank., Butler,M.M. and Shanahan,W.R. Jr.
    TITLE
      Antisense oligonucleotide modulation of tumor necrosis
      factor-(.alpha.) (TNF- alpha) expression
    JOURNAL
      Patent: US 6228642-A 446 08-MAY-2001;
  FEATURES
    source
      1..20
      /organism="unknown"
      /mol_type="unassigned DNA"

Query Match
  Best Local Similarity 3.6%; Score 14.4; DB 1; Length 20;
  Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 564 CTCCTCCAGACCAAG 579
||||| |||||||

RESULT 45
BD228243/c
LOCUS
  DEFINITION
    Antisense oligonucleotide regulation of expression of tumor
    necrosis factor-alpha (TNF-alpha).
  ACCESSION
    BD228243
  VERSION
    BD228243.1 GI:33038013
  KEYWORDS
    JP 2002526125-A/446.
  SOURCE
    synthetic construct
  ORGANISM
    artificial sequences.
  REFERENCE
    1 (bases 1 to 20)
    AUTHORS
      Baker,B.F., Bennett,F.C., Butler,M.M. and Jr.W.J.S.
    TITLE
      Antisense oligonucleotide regulation of expression of tumor
      necrosis factor-alpha (TNF-alpha)
    JOURNAL
      Patent: JP 2002526125-A 446 20-AUG-2002;
    TSIS PHARMACEUTICALS INC
  COMMENT
    OS Artificial Sequence
    PN JP 2002526125-A/446
    PD 20-AUG-2002
    PF 05-OCT-1999 JP 2000574737
    PR 05-OCT-1998 US 09/166186,18-MAY-1999 US 09/313932 PI
    BRENDA F BAKER,FRANK C BENNETT,MADELINE M BUTLER,WILLIAM J PI
    SHANAHAN JR
    PC C12N15/09,A61K31/7115,A61K31/712,A61K31/7125,A61K48/00,A61P1/
    00,A61P1/16,
    PC A61P1/18,A61P3/10,A61P17/00,A61P17/04,A61P29/00,A61P31/00, PC
    C07H21/02,
    PC C07H21/04,C12N15/00
    CC Synthetic
    FH Key
    FT source
      1..20
      Location/Qualifiers
      /organism="Artificial Sequence".

FEATURES
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    /organism="synthetic construct"
    /mol_type="genomic DNA"
    /db_xref="taxon:32630"

Query Match
  Best Local Similarity 3.6%; Score 14.4; DB 1; Length 20;
  Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 564 CTCCTCCAGACCAAG 579
||||| |||||||

Db 19 CTCCTACCAGACCAAG 4

RESULT 46
AR363534/c
LOCUS
  DEFINITION
    Sequence 2 from patent US 5219727.
  ACCESSION
    AR363534
  VERSION
    AR363534.1 GI:34425354
  KEYWORDS
    .
  SOURCE
    Unknown.
  ORGANISM
    Unclassified.
  REFERENCE
    1 (bases 1 to 20)
    AUTHORS
      Wang,A.M., Doyle,M.V. and Mark,D.F.
    TITLE
      Quantitation of nucleic acids using the polymerase chain reaction
    JOURNAL
      Patent: US 5219727-A 2 15-JUN-1993;
  FEATURES
    source
      1..20
      Location/Qualifiers
      /organism="unknown"
      /mol_type="genomic DNA"

Query Match
  Best Local Similarity 3.6%; Score 14.4; DB 1; Length 20;
  Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 564 CTCCTCCAGACCAAG 579
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Db 19 CTCCTACCAGACCAAG 4

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Qy 564 CTCCTCCAGACCAAG 579
Db 17 CTCCTACAGACCAAG 2

RESULT 47
BD091579/c
LOCUS
DEFINITION Adult bone marrow-origin cell capable of differentiating into
myocardial cell.
ACCESSION BD091579
VERSION BD091579.1 GI:22637190
KEYWORDS WO 0148149-A/42
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Umezawa,A., Hata,J., Fukuda,K., Satoshi, Ogawa and Sakurada,K.
TITLE Adult bone marrow-origin cell capable of differentiating into
myocardial cell
JOURNAL Patent: WO 0148149-A 42 05-JUL-2001;
KYOWA HAKKO KOGYO CO LTD,AKIHIRO UMEZAWA,JUNICHI HATA, KEIICHI
OS Artificial Sequence
PN WO 0148149-A/42
PD 05-JUL-2001
PF 28-FEB-2000 WO 2000JP001148
PR 28-DEC-1999 JP 99P 372826
PI AKIHIRO UMEZAWA,JUNICHI HATA, KEIICHI FUKUDA,SATOSHI PI
OGAWA,KAZUHIRO SAKURADA
PC C12N5/06,C12N5/00,A61K35/28,A61P41/00,A61K48/00,C07K16/18 CC
Description of Artificial Sequence: artificially synthesized CC
sequence primer
CC Key Location/Qualifiers
FH Key Location/Qualifiers
FT source
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 3.6%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 597 CTACAACACAGAGTAC 612
Db 19 CTACAACACAGATTAC 4

RESULT 49
BD096317/c
LOCUS
DEFINITION Cells capable of differentiating into myocardial cells.
ACCESSION BD096317
VERSION BD096317.1 GI:22641905
KEYWORDS WO 0148151-A/42.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Umezawa,A., Hata,J., Fukuda,K., Ogawa,S., Sakurada,K., Gojo,S. and
Yamada,Y.
TITLE Cells capable of differentiating into myocardial cells
JOURNAL Patent: WO 0148151-A 42 05-JUL-2001;
KYOWA HAKKO KOGYO CO LTD
OS Artificial Sequence
PN WO 0148151-A/42
PD 05-JUL-2001
PF 27-DEC-2000 WO 2000JP009323
PR 28-DEC-1999 JP 99P 372826,28-FEB-2000 WO PCTJP0001148 PR
PI AKIHIRO UMEZAWA,JUNICHI HATA,KEIICHI FUKUDA,SATOSHI OGAWA, PI
KAZUHIRO SAKURADA,SATOSHI GOJO,YOJI YAMADA
PC C12N5/06,C12N5/08,C12P21/08,C12Q1/02,A61K35/28,A61K35/44,A61P9/ PC
06,
A61P9/04/A61K38/18,C12N15/12
CC Description of Artificial Sequence: artificially synthesized
CC sequence primer
CC Key Location/Qualifiers
FH Key Location/Qualifiers
FT source
FEATURES
source
1..20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 3.6%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 597 CTACAACACAGAGTAC 612
Db 19 CTACAACACAGATTAC 4

RESULT 48
BD094775/c
LOCUS
DEFINITION The cell having the potentiality of differentiation into
cardiomyocytes.
ACCESSION BD094775
VERSION BD094775.1 GI:22640363
KEYWORDS WO 0148150-A/42.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Umezawa,A., Hata,J., Fukuda,K., Ogawa,S., Sakurada,K., Gojo,S. and
Yamada,Y.
TITLE The cell having the potentiality of differentiation into
cardiomyocytes.
JOURNAL Patent: WO 0148150-A 42 05-JUL-2001;
KYOWA HAKKO KOGYO CO LTD,AKIHIRO UMEZAWA,JUNICHI HATA, KEIICHI
FUKUDA, SATOSHI OGAWA,KAZUHIRO SAKURADA,SATOSHI GOJO,YOJI YAMADA
OS Artificial Sequence
PN WO 0148150-A/42
PD 05-JUL-2001
PF 02-NOV-2000 WO 2000JP007741

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QY 597 CTACACACAGGTAC 612
 Db 19 CTACACACAGATTAC 4

RESULT 50
 A98276/c
 LOCUS A98276 19 bp DNA linear PAT 26-JAN-2000
 DEFINITION Sequence 29 from Patent WO9913104.
 ACCESSION A98276
 VERSION A98276.1 GI:6781390
 KEYWORDS
 SOURCE unidentified
 ORGANISM unidentified
 unclassified.
 REFERENCE 1 (bases 1 to 19)
 AUTHORS Adamson, P. and Lightman, S.
 TITLE DIAGNOSIS OF OCULAR PATHOGENS
 JOURNAL Patent: WO 9913104-A 29 18-MAR-1999;
 INST OF OPHTHALMOLOGY (GB); ADAMSON PETER (GB)
 FEATURES
 source Location/Qualifiers
 1. .19
 /organism="unidentified"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32644"

Query Match 3.6%; Score 14.2; DB 1; Length 19;
 Best Local Similarity 84.2%; Pred. No. 1e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 549 GGCCTCCCGAGGCTCC 567
 Db 19 GGCCTCCCGAGGCTCC 1

RESULT 51
 BD075016/c
 LOCUS BD075016 19 bp DNA linear PAT 27-AUG-2002
 DEFINITION Diagnosis of eye pathogen.
 ACCESSION BD075016
 VERSION BD075016.1 GI:22620619
 KEYWORDS JP 2001515732-A/29.
 SOURCE synthetic construct
 ORGANISM artificial sequences.
 REFERENCE 1 (bases 1 to 19)
 AUTHORS Okrabi, N., Wrightman, S. and Adamson, P.
 TITLE Diagnosis of eye pathogen
 JOURNAL Patent: JP 2001515732-A 29 25-SEP-2001;
 THE INSTITUTE OF OPHTHALMOLOGY
 COMMENT OS Artificial Sequence
 PN JP 2001515732-A/29
 PD 25-SEP-2001
 PF 08-SEP-1998 JP 2000510889
 PR 08-SEP-1997 GB 9719044.1
 PI NARCIS OKRABI SUZAN WRIGHTMAN, PETER ADAMSON
 PC CL2N15/09, CL2Q1/68, GO1N33/50, CL2N15/00
 CC Primers used to amplify a highly conserved gene sequence in
 CC fungal,
 CC bacterial and Acanthamoeba pathogens in PCR reaction. PH Key
 FT source Location/Qualifiers
 1. .19
 /organism="Artificial Sequence".
 Location/Qualifiers
 1. .19
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"

Query Match 3.6%; Score 14.2; DB 1; Length 19;
 Best Local Similarity 84.2%; Pred. No. 1e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 549 GGCCTCCCGAGGCTCC 567
 Db 19 GGCCTCCCGAGGCTCC 1

RESULT 52
 BD088942
 LOCUS BD088942 19 bp DNA linear PAT 27-AUG-2002
 DEFINITION A method of arraying genome clone.
 ACCESSION BD088942
 VERSION BD088942.1 GI:22634552
 KEYWORDS JP 2001321190-A/1186.
 SOURCE synthetic construct
 ORGANISM synthetic construct
 artificial sequences.
 REFERENCE 1 (bases 1 to 19)
 AUTHORS Soeda, E.
 TITLE A method of arraying genome clone
 JOURNAL Patent: JP 2001321190-A 1186 20-NOV-2001;
 THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
 COMMENT OS Artificial Sequence
 PN JP 2001321190-A/1186
 PD 20-NOV-2001
 PF 12-MAR-2001 JP 2001068285
 PI EIICHI SOEDA
 PC CL2N15/09, CL2N15/09, CL2M1/00, CL2Q1/68, GO1N33/53, GO1N33/566, PC
 CL2N15/00,
 CC Description of Artificial Sequence: Synthetic DNA PH Key
 FT source Location/Qualifiers
 1. .19
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 Location/Qualifiers
 1. .19
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"

Query Match 3.6%; Score 14.2; DB 1; Length 19;
 Best Local Similarity 84.2%; Pred. No. 1e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 689 GCCACACTGTACCTCCAG 707
 Db 1 GCCACACAGTACCCACAG 19

RESULT 53
 AR023988
 LOCUS AR023988 20 bp DNA linear PAT 05-DEC-1998
 DEFINITION Sequence 6 from patent US 5795764.
 ACCESSION AR023988
 VERSION AR023988.1 GI:3977282
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 Unclassified.
 REFERENCE 1 (bases 1 to 20)
 AUTHORS Christgau, S., Kofod, L., Venke, L., Andersen, L., Nonboe, S.,
 Heldt-Hansen, H., Peter, H. and Dalboege, H.
 TITLE Enzyme exhibiting mannase activity
 JOURNAL Patent: US 5795764-A 6 18-AUG-1998;
 FEATURES
 source Location/Qualifiers
 1. .20
 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 3.6%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 1e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 542 GCTCCTAGGCTCCCGAGC 560

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Db      1  GCTCCTCAGCCTCGCCAGC 19

RESULT 54
LOCUS   AR035337/c
DEFINITION Sequence 18 from patent US 5871744.
ACCESSION AR035337
VERSION   AR035337.1 GI:5952005
KEYWORDS
SOURCE   Unknown.
ORGANISM
REFERENCE
AUTHORS Vakharia,V.N. and Mundt,E.
TITLE    Method for generating birnavirus from synthetic RNA transcripts
JOURNAL  Patent: US 5871744-A 18 16-FEB-1999;
FEATURES
source
    1..20
    /organism="unknown"
    /mol_type="unassigned DNA"

Query Match      3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 602 ACACAGAGTACTGACTCTG 620
Db 19 AGACGGAGTACTGCTCTG 1

RESULT 55
LOCUS   AR167149
DEFINITION Sequence 10 from patent US 6284463.
ACCESSION AR167149
VERSION   AR167149.1 GI:16243629
KEYWORDS
SOURCE   Unknown.
ORGANISM
REFERENCE
AUTHORS Hasebe,M., Goto,M. and Tosu,M.
TITLE    Method for detection of mutations
JOURNAL  Patent: US 6284463-A 10 04-SEP-2001;
FEATURES
source
    1..20
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    /mol_type="unassigned DNA"

Query Match      3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 530 CCACATCCCTGCTGCTTA 548
Db 1 CCACATCCCTGCTGCTCA 19

RESULT 56
LOCUS   BD242886
DEFINITION Secreted proteins and polynucleotides encoding them.
ACCESSION BD242886
VERSION   BD242886.1 GI:33052656
KEYWORDS JP 2002536973-A/37
SOURCE   synthetic construct
ORGANISM
REFERENCE
AUTHORS Valenzuela,D., Yuan,O., Hoffman,H., Hall,J. and Rapiejko,P.
TITLE    Secreted proteins and polynucleotides encoding them

JOURNAL  Patent: JP 2002536973-A 37 05-NOV-2002;
COMMENT  OS Artificial Sequence
        PN JP 2002536973-A/37
        PD 05-NOV-2002
        PR 18-FEB-2000 JP 2000599860
        PR 19-FEB-1999 US 60/120680,23-APR-1999 US 09/298733 PR
        PR 17-AUG-1999 US 60/149639,23-SEP-1999 US 60/155686 PR
        PR 01-OCT-1999 US 60/157247,29-NOV-1999 US 60/167823 PR
        PR 29-NOV-1999 US 60/167822,15-FEB-2000 US 60/182711 PI
        PR VALENZUELA,OLIVE YUAN,HEIDI HOFFMAN,JEFF HALL,PETER PI
        PR PC C12N15/09,A61K38/00,A61P3/10,A61P5/14,A61P11/00,A61P11/06,PC
        PR A61P19/02,
        PR PC A61P21/04,A61P25/14,A61P27/02,A61P29/00,A61P31/04,A61P31/10,
        PR PC A61P31/12,A61P31/20,A61P31/22,A61P37/00,A61P37/06,C07K14/435,
        PR PC C12N5/10,
        PR PC C12P19/34/(C12P19/34,C12R1:91),C12N15/00,C12N5/00,A61K37/02
        PR CC oligonucleotide
        PR FH Key
        PR FT source
        PR FT Location/Qualifiers
        PR FT 1..20
        PR FT /organism='Artificial Sequence'.

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    /db_xref="taxon:32630"

Query Match      3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 803 CTCCTCTCCACTCAGGCT 821
Db 2 CTCAGCTCCATCTCAGGCT 20

RESULT 57
LOCUS   AR220148
DEFINITION Sequence 13 from patent US 6423543.
ACCESSION AR220148
VERSION   AR220148.1 GI:23324591
KEYWORDS
SOURCE   Unknown.
ORGANISM
REFERENCE
AUTHORS Marcotte,P.A. and Cowseart,L.M.
TITLE    Antisense modulation of hepsin expression
JOURNAL  Patent: US 6423543-A 13 23-JUL-2002;
FEATURES
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Query Match      3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 674 TGGCGGACCCCGAGGCCA 692
Db 1 TGGCTGACCTCTCTGGCCA 19

RESULT 58
LOCUS   AR360264/c
DEFINITION Sequence 18 from patent US 6596280.
ACCESSION AR360264
VERSION   AR360264.1 GI:33767159
KEYWORDS
SOURCE   Unknown.

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ORGANISM
REFERENCE
  1 (bases 1 to 20)
AUTHORS
  Vakharia,V.N. and Mundt,E.
TITLE
  Method for generating birnavirus from synthetic RNA transcripts
JOURNAL
  Patent: US 6596280-A 18 22-JUL-2003;
FEATURES
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    1..20
    /organism="unknown"
    /mol_type="genomic DNA"

Query Match
  3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 602 ACACGAGTACTGACTCTG 620
Db 19 AGACGGAGTACTGCTCTG 1

RESULT 59
AX000977/c
LOCUS
  AX000977
DEFINITION
  Sequence 22 from Patent WO9902696.
ACCESSION
  AX000977
VERSION
  AX000977.1 GI:7241219
KEYWORDS
  .
SOURCE
  unidentified
  ORGANISM
    .
  REFERENCE
    1 (bases 1 to 20)
    AUTHORS
      Beseme,F. and Blond,J.
    TITLE
      ENDOGENETIC RETROVIRAL SEQUENCES, ASSOCIATED WITH AUTOIMMUNE
      DISEASES OR WITH PREGNANCY DISORDERS
    JOURNAL
      Patent: WO 9902696-A 22 21-JAN-1999;
      BIO MERIEUX (FR); BESEME FREDERIC (FR)
FEATURES
  source
    1..20
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Query Match
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Best Local Similarity 84.2%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 734 ATAGGACTTGGTAGGCTCC 752
Db 19 AAATGACTGGGTAGGCTCC 1

RESULT 60
AX195875
LOCUS
  AX195875
DEFINITION
  Sequence 2 from Patent WO0151649.
ACCESSION
  AX195875
VERSION
  AX195875.1 GI:15386136
KEYWORDS
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SOURCE
  synthetic construct
  ORGANISM
    .
  REFERENCE
    1
    AUTHORS
      Barletta,R.G. and Harris,N.B.
    TITLE
      Identification of virulence determinants
    JOURNAL
      Patent: WO 0151649-A 2 19-JUL-2001;
      The Board of Regents of the University of Nebraska (US)
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    /note="Primer"

ORGANISM
REFERENCE
  1 (bases 1 to 20)
AUTHORS
  Vakharia,V.N. and Mundt,E.
TITLE
  Method for generating birnavirus from synthetic RNA transcripts
JOURNAL
  Patent: US 6596280-A 18 22-JUL-2003;
FEATURES
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    /mol_type="genomic DNA"

Query Match
  3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 684 CCAGGGCCACACTGTACCC 702
Db 2 CCAGGTCCACACTGCCCCC 20

RESULT 61
AX752160
LOCUS
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DEFINITION
  Sequence 1 from Patent WO03035105.
ACCESSION
  AX752160
VERSION
  AX752160.1 GI:32134264
KEYWORDS
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SOURCE
  synthetic construct
  ORGANISM
    .
  REFERENCE
    1
    AUTHORS
      Galipeau,J. and Stagg,J.
    TITLE
      A novel synthetic chimeric fusion transgene with immuno-therapeutic
      uses
    JOURNAL
      Patent: WO 03035105-A 1 01-MAY-2003;
      Centre for Translational Research in Cancer (CA)
FEATURES
  source
    1..20
    /organism="synthetic construct"
    /mol_type="unassigned DNA"
    /db_xref="taxon:32630"
    /note="sequencing primer"

Query Match
  3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 557 CAGCGAGCTCCTCCAGAC 575
Db 2 CAGCCAGCTACTACCAGAC 20

RESULT 62
BD003310/c
LOCUS
  BD003310
DEFINITION
  A method for generating birnavirus from synthetic RNA transcripts.
ACCESSION
  BD003310
VERSION
  BD003310.1 GI:18631271
KEYWORDS
  .
SOURCE
  unidentified
  ORGANISM
    .
  REFERENCE
    1 (bases 1 to 20)
    AUTHORS
      Vakharia,V.N. and Mundt,E.
    TITLE
      A method for generating birnavirus from synthetic RNA transcripts
    JOURNAL
      Patent: JP 2001501082-A 18 30-JAN-2001;
      UNIVERSITY OF MARYLAND BIOTECHNOLOGY INSTITUTE
  COMMENT
    OS Unidentified
    PN JP 2001501082-A/18
    PD 30-JAN-2001
    PF 31-JUL-1997 JP 1998512643
    PR 05-SEP-1996 US 08/708541
    PI VIKRAM N VAKHARIA, EGBERT MUNDT
    PC C12N15/09,A61K39/12,A61P31/12,C12N1/15,C12N1/19,C12N1/21, PC
    C12N5/10,C12N7/00,
    PC C12P21/02,C12N15/00,C12N5/00
    CC Strandedness: Single;
    CC Topology: Linear;
    FH Key
    FT source
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    /note="Primer"

ORGANISM
REFERENCE
  1 (bases 1 to 20)
AUTHORS
  Vakharia,V.N. and Mundt,E.
TITLE
  Method for generating birnavirus from synthetic RNA transcripts
JOURNAL
  Patent: US 6596280-A 18 22-JUL-2003;
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    /organism="unknown"
    /mol_type="genomic DNA"

Query Match
  3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 602 ACACGAGTACTGACTCTG 620
Db 19 AGACGGAGTACTGCTCTG 1

RESULT 59
AX000977/c
LOCUS
  AX000977
DEFINITION
  Sequence 22 from Patent WO9902696.
ACCESSION
  AX000977
VERSION
  AX000977.1 GI:7241219
KEYWORDS
  .
SOURCE
  unidentified
  ORGANISM
    .
  REFERENCE
    1 (bases 1 to 20)
    AUTHORS
      Beseme,F. and Blond,J.
    TITLE
      ENDOGENETIC RETROVIRAL SEQUENCES, ASSOCIATED WITH AUTOIMMUNE
      DISEASES OR WITH PREGNANCY DISORDERS
    JOURNAL
      Patent: WO 9902696-A 22 21-JAN-1999;
      BIO MERIEUX (FR); BESEME FREDERIC (FR)
FEATURES
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    1..20
    /organism="unidentified"
    /mol_type="unassigned DNA"
    /db_xref="taxon:32644"

Query Match
  3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 734 ATAGGACTTGGTAGGCTCC 752
Db 19 AAATGACTGGGTAGGCTCC 1

RESULT 60
AX195875
LOCUS
  AX195875
DEFINITION
  Sequence 2 from Patent WO0151649.
ACCESSION
  AX195875
VERSION
  AX195875.1 GI:15386136
KEYWORDS
  .
SOURCE
  synthetic construct
  ORGANISM
    .
  REFERENCE
    1
    AUTHORS
      Barletta,R.G. and Harris,N.B.
    TITLE
      Identification of virulence determinants
    JOURNAL
      Patent: WO 0151649-A 2 19-JUL-2001;
      The Board of Regents of the University of Nebraska (US)
FEATURES
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    1..20
    /organism="synthetic construct"
    /mol_type="unassigned DNA"
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    /note="Primer"

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Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 734 ATAGGACTGTAGGTCC 752
Db 19 AAATGACTGGTAGGGTCC 1
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RESULT 66
AX671824
LOCUS AX671824 17 bp DNA linear PAT 27-MAR-2003
DEFINITION Sequence 269 from Patent WO03004526.
ACCESSION AX671824
VERSION AX671824.1 GI:29330172
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
TITLE Telerman,A., Anson,R. and Tuijinder,M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and their use as
medicines
JOURNAL Patent: WO 03004526-A 269 16-JAN-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 3.5%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 92;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 647 TCACAGACCTCAGT 660
Db 3 TCACAGACCTCAGT 16
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RESULT 67
AX736202/c
LOCUS AX736202 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 1792 from Patent WO03025177.
ACCESSION AX736202
VERSION AX736202.1 GI:30515479
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
TITLE Telerman,A., Anson,R. and Tuijinder,M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 1792 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
source
1. .17
/organism="Homo sapiens"
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/db_xref="taxon:9606"

Query Match 3.5%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 92;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 595 TTCTACACACAGA 608
Db 16 TTCTACACACAGA 3
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RESULT 68
AX737463/c
LOCUS AX737463 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 3053 from Patent WO03025177.
ACCESSION AX737463
VERSION AX737463.1 GI:30516751
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
TITLE Telerman,A., Anson,R. and Tuijinder,M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 3053 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 3.5%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 92;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 595 TTCTACACACAGA 608
Db 16 TTCTACACACAGA 3
|||||

RESULT 69
AX740978
LOCUS AX740978 20 bp DNA linear PAT 10-MAY-2003
DEFINITION Sequence 7 from Patent WO03027292.
ACCESSION AX740978
VERSION AX740978.1 GI:30523768
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Xiao,Y.
TITLE Regulation of human fatty acid-coa ligase-like enzyme
JOURNAL Patent: WO 03027292-A 7 03-APR-2003;
Bayer Aktiengesellschaft (DE)
FEATURES Location/Qualifiers
source
1. .20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="PCR primer-reverse primer"

Query Match 3.5%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 664 TCTCGAGCTTGGC 677
Db 2 TCTCGAGCTTGGC 15
|||||

RESULT 70
AR046780
LOCUS AR046780 17 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 1573 from patent US 5817796.
ACCESSION AR046780
VERSION AR046780.1 GI:5968245
KEYWORDS

```

SOURCE      Unknown.
ORGANISM     Unknown.
REFERENCE    1 (bases 1 to 17)
AUTHORS      Stinchcomb,D.T., Draper,K., McSwiggen,J., and Jarvis,T.
TITLE        C-myb ribozymes having 2'-5'-linked adenylylate residues
JOURNAL      Patent: US 5817796-A 1573 06-OCT-1998;
FEATURES     Location/Qualifiers
              1..17
              /organism="unknown"
              /mol_type="unassigned DNA"

Query Match      3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred.No.99;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 799 AGAGCTCTCTCCCACT 815
Db 1 AAAGCTCTCTCGAAT 17

RESULT 71
LOCUS      AR057432      17 bp      DNA      linear      PAT 29-SEP-1999
DEFINITION Sequence 1636 from patent US 5837542.
ACCESSION  AR057432
VERSION     AR057432.1 GI:5983009
KEYWORDS    .
SOURCE      Unknown.
ORGANISM     Unknown.
REFERENCE    1 (bases 1 to 17)
AUTHORS      Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
              Draper,K.G.
TITLE        Intercellular adhesion molecule-1 (ICAM-1) ribozymes
JOURNAL      Patent: US 5837542-A 1636 17-NOV-1998;
FEATURES     Location/Qualifiers
              1..17
              /organism="unknown"
              /mol_type="unassigned DNA"

Query Match      3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred.No.99;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 537 CCTCTGCTCTAGGCCT 553
Db 1 CCTCTGCTCTAGGCCT 17

RESULT 72
LOCUS      AR057439      17 bp      DNA      linear      PAT 29-SEP-1999
DEFINITION Sequence 1643 from patent US 5837542.
ACCESSION  AR057439
VERSION     AR057439.1 GI:5983016
KEYWORDS    .
SOURCE      Unknown.
ORGANISM     Unknown.
REFERENCE    1 (bases 1 to 17)
AUTHORS      Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
              Draper,K.G.
TITLE        Intercellular adhesion molecule-1 (ICAM-1) ribozymes
JOURNAL      Patent: US 5837542-A 1643 17-NOV-1998;
FEATURES     Location/Qualifiers
              1..17
              /organism="unknown"
              /mol_type="unassigned DNA"

Query Match      3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred.No.99;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 537 CCTCTGCTCTAGGCCT 553
Db 1 CCTCTGCTCTAGGCCT 17

RESULT 73
LOCUS      AR057596      17 bp      DNA      linear      PAT 29-SEP-1999
DEFINITION Sequence 1800 from patent US 5837542.
ACCESSION  AR057596
VERSION     AR057596.1 GI:5983173
KEYWORDS    .
SOURCE      Unknown.
ORGANISM     Unknown.
REFERENCE    1 (bases 1 to 17)
AUTHORS      Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
              Draper,K.G.
TITLE        Intercellular adhesion molecule-1 (ICAM-1) ribozymes
JOURNAL      Patent: US 5837542-A 1800 17-NOV-1998;
FEATURES     Location/Qualifiers
              1..17
              /organism="unknown"
              /mol_type="unassigned DNA"

Query Match      3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred.No.99;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 537 CCTCTGCTCTAGGCCT 553
Db 1 CCTCTGCTCTAGGCCT 17

RESULT 74
LOCUS      AR115190      17 bp      DNA      linear      PAT 16-MAY-2001
DEFINITION Sequence 1636 from patent US 6132967.
ACCESSION  AR115190
VERSION     AR115190.1 GI:14095512
KEYWORDS    .
SOURCE      Unknown.
ORGANISM     Unknown.
REFERENCE    1 (bases 1 to 17)
AUTHORS      Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
              Draper,K.G.
TITLE        Ribozyme treatment of diseases or conditions related to levels of
              intercellular adhesion molecule-1 (ICAM-1)
JOURNAL      Patent: US 6132967-A 1636 17-OCT-2000;
FEATURES     Location/Qualifiers
              1..17
              /organism="unknown"
              /mol_type="unassigned DNA"

Query Match      3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred.No.99;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 537 CCTCTGCTCTAGGCCT 553
Db 1 CCTCTGCTCTAGGCCT 17

RESULT 75
LOCUS      AR115197      17 bp      DNA      linear      PAT 16-MAY-2001
DEFINITION Sequence 1643 from patent US 6132967.
ACCESSION  AR115197
VERSION     AR115197.1 GI:14095519
KEYWORDS    .
SOURCE      Unknown.
```

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ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
TITLE Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
JOURNAL Patent: US 6132967-A 1643 17-OCT-2000;
FEATURES
    source
        Location/Qualifiers
            1..17
                /organism="unknown"
                /mol_type="unassigned DNA"

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 99;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 537 CCTCTGCTCCTAGGCCT 553
Db 1 CCTCTGCTCCTGGTCCT 17

RESULT 76
LOCUS AR115354 17 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 1800 from patent US 6132967.
ACCESSION AR115354
VERSION AR115354.1 GI:14095676
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
TITLE Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
JOURNAL Patent: US 6132967-A 1800 17-OCT-2000;
FEATURES
    source
        Location/Qualifiers
            1..17
                /organism="unknown"
                /mol_type="unassigned DNA"

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 99;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 537 CCTCTGCTCCTAGGCCT 553
Db 1 CCTCTGCTCCTGGTCCT 17

RESULT 77
LOCUS I53832 17 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 1573 from patent US 5646042.
ACCESSION I53832
VERSION I53832.1 GI:2475035
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
TITLE C-myc targeted ribozymes
JOURNAL Patent: US 5646042-A 1573 08-JUL-1997;
FEATURES
    source
        Location/Qualifiers
            1..17
                /organism="unknown"
                /mol_type="unassigned DNA"

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 99;

ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Beigelman,L., Burgin,A., Beaudry,A., Karpeisky,A., Matulic-Adamic,J., Sweedler,D. and Zinnen,S.
TITLE Oligoribonucleotides with enzymatic activity
JOURNAL Patent: US 6617438-A 558 09-SEP-2003;
FEATURES
    source
        Location/Qualifiers
            1..17
                /organism="unknown"
                /mol_type="unassigned RNA"

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 99;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 583 TTTGTTCTGTTTTTCTA 599
Db 1 TTTGTTTGTGTTTTTA 17

RESULT 78
LOCUS AR286187 17 bp RNA linear PAT 10-APR-2003
DEFINITION Sequence 559 from patent US 6528640.
ACCESSION AR286187
VERSION AR286187.1 GI:29723783
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Beigelman,L., Burgin,A., Beaudry,A., Karpeisky,A., Matulic-Adamic,J., Sweedler,D. and Zinnen,S.
TITLE Synthetic ribonucleic acids with RNase activity
JOURNAL Patent: US 6528640-A 559 04-MAR-2003;
FEATURES
    source
        Location/Qualifiers
            1..17
                /organism="unknown"
                /mol_type="unassigned RNA"

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 99;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 583 TTTGTTCTGTTTTTCTA 599
Db 1 TTTGTTTGTGTTTTTA 17

RESULT 79
LOCUS AR398177 17 bp RNA linear PAT 18-DEC-2003
DEFINITION Sequence 558 from patent US 6617438.
ACCESSION AR398177
VERSION AR398177.1 GI:40135776
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Beigelman,L., Burgin,A.B., Beaudry,A., Karpeisky,A., Matulic-Adamic,J., Sweedler,D. and Zinnen,S.
TITLE Oligoribonucleotides with enzymatic activity
JOURNAL Patent: US 6617438-A 558 09-SEP-2003;
FEATURES
    source
        Location/Qualifiers
            1..17
                /organism="unknown"
                /mol_type="unassigned RNA"

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 99;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 583 TTTGTTCTGTTTTTCTA 599
Db 1 TTTGTTTGTGTTTTTA 17

RESULT 80
LOCUS AR434195/c 17 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 618 from patent US 6656700.
ACCESSION AR434195
VERSION AR434195.1 GI:40197038
KEYWORDS
SOURCE Unknown.
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Query Match	3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity	88.2%; Pred. No. 99;
Matches	15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY	537 CCTCTGCTCCTAGGCT 553
DB	1 CCTCTGCTCCTAGGCT 17
<p>RESULT 83</p> <p>AX634508</p> <p>LOCUS</p> <p>DEFINITION</p> <p>SEQUENCE 1647 from Patent EP1260586.</p> <p>ACCESSION</p> <p>AX634508</p> <p>VERSION</p> <p>AX634508.1 GI:28470122</p> <p>KEYWORDS</p> <p>SOURCE</p> <p>ORGANISM</p> <p>unidentified</p> <p>unclassified.</p>	<p>17 bp RNA</p> <p>linear</p> <p>PAT 21-FEB-2003</p>
REFERENCE	1 Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Direnzo,A., Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J., Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M., Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and Wolf,T.
TITLE	Method and reagent for inhibiting the expression of disease related
JOURNAL	Genes
FEATURES	<p>Gene</p> <p>Feature: EP 1260586-A 1647 27-NOV-2002;</p> <p>PIBOZYME PHARMACEUTICALS, INC. (US)</p> <p>Location/Qualifiers</p> <p>1..17</p> <p>/organism="unidentified"</p> <p>/mol_type="unassigned RNA"</p> <p>/db_xref="taxon:32644"</p>
Query Match	3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity	88.2%; Pred. No. 99;
Matches	15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY	537 CCTCTGCTCCTAGGCT 553
DB	1 CCTCTGCTCCTAGGCT 17
<p>RESULT 84</p> <p>AX634643</p> <p>LOCUS</p> <p>DEFINITION</p> <p>SEQUENCE 1782 from Patent EP1260586.</p> <p>ACCESSION</p> <p>AX634643</p> <p>VERSION</p> <p>AX634643.1 GI:28470257</p> <p>KEYWORDS</p> <p>SOURCE</p> <p>ORGANISM</p> <p>unidentified</p> <p>unclassified.</p>	<p>17 bp RNA</p> <p>linear</p> <p>PAT 21-FEB-2003</p>
REFERENCE	1 Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Direnzo,A., Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J., Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M., Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and Wolf,T.
TITLE	Method and reagent for inhibiting the expression of disease related
JOURNAL	Genes
FEATURES	<p>Gene</p> <p>Feature: EP 1260586-A 1782 27-NOV-2002;</p> <p>PIBOZYME PHARMACEUTICALS, INC. (US)</p> <p>Location/Qualifiers</p> <p>1..17</p> <p>/organism="unidentified"</p> <p>/mol_type="unassigned RNA"</p> <p>/db_xref="taxon:32644"</p>
Query Match	3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity	88.2%; Pred. No. 99;
Matches	15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 537 CCTCTGCTCTAGGCTT 553
Db 1 CCTCTGCTCTAGGCTT 17

RESULT 85
AX317690/c
LOCUS AX317690 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 1720 from Patent WO03025175.
ACCESSION AX317690
VERSION AX317690.1 GI:30509429
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
JOURNAL Patent: WO 03025175-A 1720 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 99;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 550 GCCTCCCGAGGAGTC 566
Db 17 GCCTCCCGAGGAGTC 1

RESULT 86
AX317690
LOCUS AX317690 18 bp DNA linear PAT 14-DEC-2001
DEFINITION Sequence 693 from Patent WO0190337.
ACCESSION AX317690
VERSION AX317690.1 GI:17900591
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
AUTHORS Allawi,H., Bartholomay,C.T., Chehak,L., Curtis,M.L., Eis,P.S.,
Hall,J.G., Ip,H.S., Kaiser,M., Kwiatkowski,R.W., Lukowiak,A.A.,
Lyamichev,V., Ma,W., Olson-Munoz,M.C., Olson,S.M., Schaefer,J.J.,
Skzypczynski,Z., Takova,T.Y., Vedvik,K.L. and Lyamichev,N.E.
TITLE Detection of rna
JOURNAL Patent: WO 0190337-A 693 29-NOV-2001;
THIRD WAVE TECHNOLOGIES, INC. (US)
FEATURES
source
1. .18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

Query Match 3.5%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 554 CCCGAGGAGCTCTCC 570
Db 2 CCCGAGGAGCTCTCC 18

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

RESULT 87
HMO648RA/c
LOCUS HMO648RA 18 bp DNA linear STS 29-MAY-2002
DEFINITION A PCR primer for APP gene locus STS, location 21q21-22.1, sequence
tagged site.
ACCESSION D50223
VERSION D50223.1 GI:801812
KEYWORDS STS.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1 (bases 1 to 18)
AUTHORS Tanahashi,H., Ito,T., Hattori,M., Ohira,M., Ohki,M., Tashiro,K. and
Sakaki,Y.
TITLE Sixty new STSs (sequence-tagged sites) of human chromosome 21
JOURNAL DNA Res. 1 (2), 85-89 (1994)
MEDLINE 96051984
PUBMED 7584032
REFERENCE 2 (bases 1 to 18)
AUTHORS Sakaki,Y.
TITLE Direct Submission
JOURNAL Submitted (28-APR-1995) Yoshiyuki Sakaki, Institute of Medical
Science, University of Tokyo, Human Genome Center; 4-6-1
Shirokanedai Minato-ku, Tokyo 108, Japan
[E-mail:sakaki@hgc.ims.u-tokyo.ac.jp, Tel:03-5449-5362,
Fax:03-5449-5445]
COMMENT Submitted (28-Apr-1995) to DDBJ by:
Yoshiyuki Sakaki
Human Genome Center
Institute of Medical Science
University of Tokyo
4-6-1 Shirokanedai Minato-ku
Tokyo, 108
Japan
Phone: 03-5449-5362
Fax : 03-5449-5445.
FEATURES
source
1. .18
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
/chromosome="21"

Query Match 3.5%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 540 CTGCTCCTAGGCTCCC 556
Db 18 CTGCTCCTAGGCTCCC 2

RESULT 88
AX207609
LOCUS AX207609 19 bp DNA linear PAT 31-AUG-2001
DEFINITION Sequence 18 from Patent WO0157205.
ACCESSION AX207609
VERSION AX207609.1 GI:15422315
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
AUTHORS Shir,A. and Levitzky,A.
TITLE Selective killing of cells by activation of double-stranded rna
dependent protein kinase-pkr
JOURNAL Patent: WO 0157205-A 18 09-AUG-2001;
Yissum Research and Development Co., Hebrew University of Jerusalem
(IL)
FEATURES
source
1. .19
Location/Qualifiers
/organism="synthetic construct"
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/mol_type="unassigned DNA"
/db_xref=taxon:32630"
primer_bind 1..19
Query Match 3.5%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 753 CAGGGTCCTCCTAGGGCTC 769
| | | | | | | | | | | | | | |
Db 1 CAGGGTCCTCCTGGCCCC 17

RESULT 89
AR046782 17 bp DNA linear PAT 29-SEP-1999
LOCUS
DEFINITION Sequence 1575 from patent US 5817796.
ACCESSION AR046782
VERSION AR046782.1 GI:5968247
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE
1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
TITLE C-myb ribozymes having 2'-5'-linked adenylate residues
JOURNAL Patent: US 5817796-A 1575 06-OCT-1998;
FEATURES
source
1..17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 802 GCTCTCCTCCAACTC 816
| | | | | | | | | | | | | | |
Db 1 GCTCTCCTCGAATC 15

RESULT 90
AR104193 17 bp DNA linear PAT 14-FEB-2001
LOCUS
DEFINITION Sequence 47 from patent US 6093544.
ACCESSION AR104193
VERSION AR104193.1 GI:12816901
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE
1 (bases 1 to 17)
AUTHORS Gonsalves,D. and Meng,B.
TITLE Rupestris stem pitting associated virus nucleic acids, proteins,
and their uses
JOURNAL Patent: US 6093544-A 47 25-JUL-2000;
FEATURES
source
1..17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 762 TAGGCTCTCCACTTCT 776
| | | | | | | | | | | | | | |
Db 1 TGGGCTCTCCACTTCT 15

RESULT 91
BD241539/c 17 bp DNA linear PAT 17-JUL-2003
LOCUS
```

```
Methods and products related to genotyping and DNA analysis.
DEFINITION BD241539
ACCESSION BD241539.1 GI:33051309
VERSION BD241539.1 GI:33051309
KEYWORDS JP 2002525127-A/486.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 17)
AUTHORS Landers,J.E., Jordan,B., Housman,D.E. and Charest,A.
TITLE Methods and products related to genotyping and DNA analysis
JOURNAL Patent: JP 2002525127-A 486 13-AUG-2002;
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
COMMENT OS Homo sapiens (human)
PN JP 2002525127-A/486
PD 13-AUG-2002
PF 24-SEP-1999 JP 2000572407
PR 25-SEP-1998 US 60/101757
PI JOHN E LANDERS, BARBARA JORDAN, DAVID E HOUSMAN, ALAIN CHAREST PC
C12N15/09, C12Q1/68, G01N33/53, G01N33/566, G01N33/58, G01N37/00, PC
G01N37/00,
PC C12N15/00
CC Methods and products related to genotyping and DNA analysis FH
Key Location/Qualifiers
FT source 1..17
FEATURES source Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 766 CCTCCACTTCTGAGG 780
| | | | | | | | | | | | | | |
Db 16 CCTCGCTTCTGAGG 2

RESULT 92
I53834 17 bp DNA linear PAT 07-OCT-1997
LOCUS
DEFINITION Sequence 1575 from patent US 5646042.
ACCESSION I53834
VERSION I53834.1 GI:2475037
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE
1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
TITLE C-myb targeted ribozymes
JOURNAL Patent: US 5646042-A 1575 08-JUL-1997;
FEATURES
source
1..17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 802 GCTCTCCTCCAACTC 816
| | | | | | | | | | | | | | |
Db 1 GCTCTCCTCGAATC 15

RESULT 93
AR211417 17 bp DNA linear PAT 20-JUN-2002
LOCUS
DEFINITION Sequence 47 from patent US 6399308.
```


Mon Mar 8 14:22:23 2004

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ACCESSION AR211417
VERSION AR211417.1 GI:21514733
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
  1. .17
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    /mol_type="unassigned DNA"
  3.4%; Score 13.4; DB 1; Length 17;
  Best Local Similarity 93.3%; Pred. No. 1.2e+02;
  Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Query Match
  762 TAGGCTCCACTTCT 776
  1 TGGGCTCCACTTCT 15
  Db

RESULT 94
LOCUS AR371531
DEFINITION Sequence 47 from patent US 6395490.
ACCESSION AR371531
VERSION AR371531.1 GI:34608469
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
  1. .17
    /organism="unknown"
    /mol_type="genomic DNA"
  3.4%; Score 13.4; DB 1; Length 17;
  Best Local Similarity 93.3%; Pred. No. 1.2e+02;
  Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Query Match
  762 TAGGCTCCACTTCT 776
  1 TGGGCTCCACTTCT 15
  Db

RESULT 95
LOCUS AX227690/c
DEFINITION Sequence 1062 from Patent WO0157206.
ACCESSION AX227690
VERSION AX227690.1 GI:15556831
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
  1. .17
    /organism="synthetic construct"
    /mol_type="unassigned RNA"
  3.4%; Score 13.4; DB 1; Length 17;
  Best Local Similarity 93.3%; Pred. No. 1.2e+02;
  Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Query Match
  762 TAGGCTCCACTTCT 776
  1 TGGGCTCCACTTCT 15
  Db

RESULT 96
LOCUS AX263396/c
DEFINITION Sequence 787 from Patent WO0173002.
ACCESSION AX263396
VERSION AX263396.1 GI:16512195
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
  1. .17
    /organism="Homo sapiens"
    /mol_type="unassigned DNA"
    /db_xref="taxon:9606"
  3.4%; Score 13.4; DB 1; Length 17;
  Best Local Similarity 93.3%; Pred. No. 1.2e+02;
  Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Query Match
  798 AAGAGCTCTCTCCCA 812
  16 AAAGCTCTCTCTCCCA 2
  Db

RESULT 97
LOCUS AX263397
DEFINITION Sequence 788 from Patent WO0173002.
ACCESSION AX263397
VERSION AX263397.1 GI:16512196
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
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source
  1. .17
    /organism="Homo sapiens"
    /mol_type="unassigned DNA"
    /db_xref="taxon:9606"
  3.4%; Score 13.4; DB 1; Length 17;
  Best Local Similarity 93.3%; Pred. No. 1.2e+02;
  Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Query Match
  582 TTTTGTCTCTGTTTT 596
  16 TTTGTTCTCTGTTTT 2
  Db

RESULT 98
LOCUS AX263397
DEFINITION Sequence 788 from Patent WO0173002.
ACCESSION AX263397
VERSION AX263397.1 GI:16512196
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
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source
  1. .17
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    /mol_type="unassigned DNA"
    /db_xref="taxon:9606"
  3.4%; Score 13.4; DB 1; Length 17;
  Best Local Similarity 93.3%; Pred. No. 1.2e+02;
  Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Query Match
  582 TTTTGTCTCTGTTTT 596
  2 TTTGTTCTCTGTTTT 16
  Db
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RESULT 98
AX531605
LOCUS AX531605 17 bp DNA linear PAT 22-NOV-2002
DEFINITION Sequence 1114 from Patent EP1239051.
ACCESSION AX531605
VERSION AX531605.1 GI:25255000
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE
AUTHORS Shannon, M.
TITLE Human posh-like protein 1
JOURNAL Patent: EP 1239051-A 1114 11-SEP-2002;
Aeomica, Inc. (US)
FEATURES
source
1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 744 GTAGGGTCCAGGGT 758
Db 3 GTAGGGGCCAGGGT 17
RESULT 99
AX531609
LOCUS AX531609 17 bp DNA linear PAT 22-NOV-2002
DEFINITION Sequence 1118 from Patent EP1239051.
ACCESSION AX531609
VERSION AX531609.1 GI:25255008
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE
AUTHORS Shannon, M.
TITLE Human posh-like protein 1
JOURNAL Patent: EP 1239051-A 1118 11-SEP-2002;
Aeomica, Inc. (US)
FEATURES
source
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 746 AGGGTCCAGGGTCC 760
Db 1 AGGGGCCAGGGTCC 15
RESULT 100
AX723656
LOCUS AX723656 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 1343 from Patent WO03025176.
ACCESSION AX723656
VERSION AX723656.1 GI:30502999
KEYWORDS Mus musculus (house mouse)
SOURCE Mus musculus
ORGANISM Mus musculus
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REFERENCE
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
JOURNAL Patent: WO 03025176-A 1343 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source
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/organism="Mus musculus"
/mol_type="unassigned DNA"
/db_xref="taxon:10090"
Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 586 GTTCGTGTTTCTAC 600
Db 1 GATCGTTTCTAC 15
RESULT 101
AX725942/c
LOCUS AX725942 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 3629 from Patent WO03025176.
ACCESSION AX725942
VERSION AX725942.1 GI:30505285
KEYWORDS Mus musculus (house mouse)
SOURCE Mus musculus
ORGANISM Mus musculus
REFERENCE
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
JOURNAL Patent: WO 03025176-A 3629 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source
1..17
/organism="Mus musculus"
/mol_type="unassigned DNA"
/db_xref="taxon:10090"
Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 594 TTCTACACACAGA 608
Db 1 TTCTACACCCAGA 3
RESULT 102
AX732178/c
LOCUS AX732178 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 3812 from Patent WO03025175.
ACCESSION AX732178
VERSION AX732178.1 GI:30511521
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
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JOURNAL Patent: WO 03025175-A 3812 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 594 TTCTTACACACAGA 608
17 TTCTTACACACAGA 3

Db
17 TTCTTCTCTCTGA 3

RESULT 103
AX737775
LOCUS AX737775 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 3365 from Patent WO03025177.
ACCESSION AX737775
VERSION AX737775.1 GI:30517063
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
1
Telerman,A., Anson,R. and Tuijnder,M.
AUTHORS Sequences involved in phenomena of tumour suppression, tumour
TITLE reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 3365 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 878 TCTGAGTCGACTT 892
3 TCTGAGTCGACTT 17

Db
17 TCTGAGTCGACTT 17

RESULT 104
AX760785/c
LOCUS AX760785 17 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 4106 from Patent WO03040369.
ACCESSION AX760785
VERSION AX760785.1 GI:32255401
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
1
Telerman,A., Anson,R. and Tuijnder,M.
AUTHORS Sequences involved in tumoral suppression, tumoral reversion,
TITLE apoptosis and/or viral resistance phenomena and their use as
medicines
JOURNAL Patent: WO 03040369-A 4106 15-MAY-2003;
Molecular Engines Laboratories (FR)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 832 TCTTTCTCTCTGA 846
17 TATTTCTCTCTGA 3

Db
17 TATTTCTCTCTGA 3

RESULT 105
AR097405/c
LOCUS AR097405 18 bp DNA linear PAT 14-FEB-2001
DEFINITION Sequence 29 from patent US 6071726.
ACCESSION AR097405
VERSION AR097405.1 GI:12806135
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Diamandis,E., Dunn,J.M. and Stevens,J.K.
TITLE Method, reagents and kit for diagnosis and targeted screening for
p53 mutations
JOURNAL Patent: US 6071726-A 29 06-JUN-2000;
Location/Qualifiers
FEATURES
source
1. .18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 751 CCCAGGTCCTCAGG 765
15 CCCAGGTCCTCAGG 1

Db
15 CCCAGGTCCTCAGG 1

RESULT 106
E54491/c
LOCUS E54491 18 bp DNA linear PAT 27-AUG-2002
DEFINITION Heat-resistant lysine biosynthesis enzyme gene of thermophilic
Corynebacterium bacterium.
ACCESSION E54491
VERSION E54491.1 GI:22553548
KEYWORDS JP 2001120270-A/15.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 18)
AUTHORS Itaya,M., Kimura,E., Kawara,Y. and Sugimoto,S.
TITLE Heat-resistant lysine biosynthesis enzyme gene of thermophilic
Corynebacterium bacterium
JOURNAL Patent: JP 2001120270-A 15 08-MAY-2001;
COMMENT AJINOMOTO CO INC
OS Artificial Sequence
PN JP 2001120270-A/15
PD 08-MAY-2001
PF 01-NOV-1999 JP 1999311148
PI MINORU ITAYA,EICHIRO KIMURA,YOSHIO KAWARA,SHINTACHI SUGIMOTO PC
C12N15/09/(C12N15/09,C12R1:15),C12N15/00,C12R1:15) CC
Description of Artificial Sequence: primer for LA cloning of CC
dapA
FH Key Location/Qualifiers.
FEATURES
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1. .18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 3.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 661 CTTTCTCGAAGCTTG 675
Db 17 CTTCTCGAAGCTTG 3

RESULT 107
125710/c
LOCUS 125710 18 bp DNA
DEFINITION Sequence 29 from patent US 5552283.
ACCESSION I25710
VERSION I25710.1 GI:1605580
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Diamandis, E., Dunn, J.M. and Stevens, J.K.
TITLE Method, reagents and kit for diagnosis and targeted screening for P53 mutations
JOURNAL Patent: US 5552283-A 29 03-SEP-1996;
FEATURES Location/Qualifiers
source /organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 751 CCCAGGTCCTCAGG 765
Db 15 CCCAGGTCCTCAGG 1

RESULT 108
AR211172
LOCUS AR211172 18 bp DNA
DEFINITION Sequence 85 from patent US 6399297.
ACCESSION AR211172
VERSION AR211172.1 GI:21514424
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Baker, B.F., Cowsett, L.M., Monia, B.P. and Xu, X.S.
TITLE Antisense modulation of expression of tumor necrosis factor receptor-associated factors (TRAFs)
JOURNAL Patent: US 6399297-A 85 04-JUN-2002;
FEATURES Location/Qualifiers
source /organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 770 CACTTCTGAGGCGAG 784
Db 1 CACTTCTGAGGCGAG 15

RESULT 109
AR296668/c
LOCUS AR296668 18 bp DNA
DEFINITION Sequence 8403 from patent US 6537751.
ACCESSION AR296668
VERSION AR296668.1 GI:31683952
KEYWORDS
SOURCE Unknown.

ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Cohen, D., Chumakov, I. and Blumenfeld, M.
TITLE Biallelic markers for use in constructing a high density disequilibrium map of the human genome
JOURNAL Patent: US 6537751-A 8403 25-MAR-2003;
FEATURES Location/Qualifiers
source /organism="unknown"
/mol_type="genomic DNA"

Query Match 3.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 518 ACCAATCTTCCCA 532
Db 16 ACCAATCTTCCCA 2

RESULT 110
AX180399
LOCUS AX180399 18 bp DNA
DEFINITION Sequence 2 from Patent WO0146175.
ACCESSION AX180399
VERSION AX180399.1 GI:15132336
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.

REFERENCE 1
AUTHORS Wilson, W.D., Boykin, D. and Tidwell, R.R.
TITLE Diamidine compounds as dna minor groove binders
JOURNAL Patent: WO 0146175-A 2 28-JUN-2001;
The University of North Carolina at Chapel Hill (US); GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION, INC. (US)

FEATURES Location/Qualifiers
source /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="synthetic construct, oligonucleotide"

Query Match 3.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 723 TGACTCTGTCATAG 737
Db 4 TGACTCTGTCATAG 18

RESULT 111
BD008778/c
LOCUS BD008778 18 bp DNA
DEFINITION Structural and functional conservation of the C. Elegans clock gene clk-1.
ACCESSION BD008778
VERSION BD008778.1 GI:18637151
KEYWORDS JP 2001502181-A/8.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 18)
AUTHORS Hekimi, S., Ewbank, J., Barnes, T. and Lakowski, B.
TITLE Structural and functional conservation of the C. Elegans clock gene clk-1
JOURNAL Patent: JP 2001502181-A 8 20-FEB-2001;
COMMENT MCGILL UNIVERSITY
OS Unidentified
PN JP 2001502181-A/8
PD 20-FEB-2001

PF 17-OCT-1997 JP 1998518750
PR 21-OCT-1996 US 60/028977,18-DEC-1996 US 60/033196 PI
SIEGFRIED HEKIMI,JONATHAN EWBANK,THOMAS BARNES, PI BERNARD
LAKOWSKI
PC C1201/68,A01K67/027,A61K35/00//C07K14/435
CC Strandedness: Single;
CC Topology: Linear;
FH Key Location/Qualifiers
FT source 1..18
FT Location/Qualifiers
1..18
/organism="Unidentified".
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 3.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 827 GTGTCCTTTTCTTC 841
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Db 18 GTGTCCTTTTCTTC 4

RESULT 112
BD224950 18 bp DNA linear PAT 17-JUL-2003
LOCUS Antisense modulation of expression of tumor necrosis factor
DEFINITION receptor-associated factor (TRAF).
ACCESSION BD224950
VERSION BD224950.1 GI:33034720
KEYWORDS JP 2002526095-A/85.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 18)
AUTHORS Baker,B.F., Cowert,L.M., Monia,B.P. and Xu,X.S.
TITLE Antisense modulation of expression of tumor necrosis factor
JOURNAL receptor-associated factor (TRAF)
COMMENT Patent: JP 2002526095-A 85 20-AUG-2002;
ISIS PHARMACEUTICALS INC
OS Artificial Sequence
PN JP 2002526095-A/85
PD 20-AUG-2002
PF 05-OCT-1999 JP 2000574546
PR 06-OCT-1998 US 09/167109
PI BREND A F BAKER,LEX M COWERT,BRETT P MONIA,XIAOXING S XU PC
C12N15/09,A61K31/7105,A61K48/00,A61P29/00,A61P35/04,C12N15/00 CC
antisenase sequence Location/Qualifiers
FH Key 1..18
FT source /organism="Artificial Sequence".
FT Location/Qualifiers
1..18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 3.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 770 CACTTCTGAGGCGAG 784
||||| |||||||
Db 1 CACTTGTGAGGCGAG 15

RESULT 113
AR154006 18 bp DNA linear PAT 08-AUG-2001
LOCUS AR154006/c
DEFINITION Sequence 56 from patent US 6238863.
ACCESSION AR154006

VERSION AR154006.1 GI:15122059
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Schumm,J.W. and Bacher,J.W.
TITLE Materials and methods for indentifying and analyzing intermediate tandem repeat DNA markers
JOURNAL Patent: US 6238863-A 56 29-MAY-2001;
FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 536 TCCTCTGCTCTAGGCCT 553
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Db 18 TCATCTGGTCCTGGCCT 1

RESULT 114
I71536 18 bp DNA linear PAT 03-APR-1998
LOCUS I71536
DEFINITION Sequence 4 from patent US 5681943.
ACCESSION I71536
VERSION I71536.1 GI:3007671
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Letsinger,R.Lewis. and Gryaznov,S.M.
TITLE Method for covalently linking adjacent oligonucleotides
JOURNAL Patent: US 5681943-A 4 28-OCT-1997;
FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 527 TTCCCAACATCTCTGCT 544
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Db 1 TTCCCAACATCTCTGCT 18

RESULT 115
AR188974 18 bp DNA linear PAT 20-APR-2002
LOCUS AR188974
DEFINITION Sequence 4462 from patent US 6346398.
ACCESSION AR188974
VERSION AR188974.1 GI:20234939
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Pavco,P., McSwigen,J., Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 4462 12-FEB-2002;
FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.3%; Score 13.2; DB 1; Length 18;

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Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 593 TTTTCTCAACACAGAGT 610
Db 18 TTTTCTCAACACAGATAGT 1

RESULT 116
AR293073 18 bp DNA PAT 12-JUN-2003
LOCUS Sequence 4808 from patent US 6537751.
DEFINITION AR293073
ACCESSION AR293073
VERSION AR293073.1 GI:31680357
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 18)
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
JOURNAL Patent: US 6537751-A 4808 25-MAR-2003;
FEATURES
source
1..18
/organism="unknown"
/mol_type="genomic DNA"

Query Match 3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 531 CAACATCTCTGCTCCTA 548
Db 18 CAAGCCCTCTGCTCCTA 1

RESULT 119
AR324773/c 18 bp RNA PAT 17-AUG-2003
LOCUS Sequence 2175 from patent US 6566127.
DEFINITION AR324773
ACCESSION AR324773
VERSION AR324773.1 GI:33710581
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 18)
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 2175 20-MAY-2003;
FEATURES
source
1..18
/organism="unknown"
/mol_type="unassigned RNA"

Query Match 3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 593 TTTTCTCAACACAGAGT 610
Db 18 TTTTCTCAACACAGATAGT 1

RESULT 120
AR046410 18 bp DNA PAT 24-NOV-2000
LOCUS Sequence 77 from Patent WO0011168.
DEFINITION AR046410
ACCESSION AR046410
VERSION AR046410.1 GI:11344380
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1
AUTHORS Lemischka,I. and Moore,K.
TITLE Genes that regulate hematopoietic blood forming stem cells and uses
thereof
JOURNAL Patent: WO 0011168-A 77 02-MAR-2000;
Princeton University (US)
FEATURES
source
1..18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/notes="Primer"
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Query Match          3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 650 CAGACCTCAGTCTTCTCTC 667
Db 1 CAGCCCTCAGTCTTCTCTC 18

RESULT 121
LOCUS AX267018 18 bp DNA linear PAT 26-OCT-2001
DEFINITION Sequence 7 from Patent WO0173001.
ACCESSION AX267018
VERSION AX267018.1 GI:16515803
KEYWORDS
ORGANISM synthetic construct
SOURCE synthetic construct
REFERENCE 1
AUTHORS Seidman,M.M. and Majumdar,A.
TITLE Establishment of cellular manipulations which enhance
JOURNAL oligo-mediated gene targeting
PATENT: WO 0173001-A 7 04-OCT-2001;
JOURNAL THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES (US)
FEATURES
source Location/Qualifiers
1..18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic"
misc_feature 1..2
/note="The residue between C at position 1 and T at
position 2 is pyrene"

Query Match          3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 825 CTGTGTCCTCTTCTCTCT 842
Db 1 CTCTCTCTTCTTCTCTCT 18

RESULT 122
LOCUS AX796426 18 bp DNA linear PAT 04-OCT-2003
DEFINITION Sequence 769 from Patent WO03052135.
ACCESSION AX796426
VERSION AX796426.1 GI:37517092
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Burger,M., Field,J.K., Genc,B., Lilloglou,T., Lipscher,E., Maier,S.
and Nimrich,I.
TITLE Method and nucleic acids for the analysis of a lung cell
JOURNAL proliferative disorder
PATENT: WO 03052135-A 769 26-JUN-2003;
JOURNAL Epigenomics AG (DE)
FEATURES
source Location/Qualifiers
1..18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Detection oligonucleotide for TIMP3"

Query Match          3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Qy 512 CACAGTACCAATATTTTC 529
Db 18 CAAATACCAATATTTTC 1

RESULT 123
LOCUS AX822868 18 bp DNA linear PAT 11-DEC-2003
DEFINITION Sequence 760 from Patent EP1340818.
ACCESSION AX822868
VERSION AX822868.1 GI:39749504
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Adorjan,P., Burger,M., Maier,S., Nimrich,I., Becker,E., Lesche,R.,
Rujan,T. and Schmitt,A.
TITLE Method and nucleic acids for the analysis of a colon cell
JOURNAL proliferative disorder
PATENT: EP 1340818-A 760 03-SEP-2003;
JOURNAL Epigenomics AG (DE)
FEATURES
source Location/Qualifiers
1..18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Detection oligonucleotide for TIMP3"

Query Match          3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 512 CACAGTACCAATATTTTC 529
Db 18 CAAATACCAATATTTTC 1

RESULT 124
LOCUS AX826508 18 bp DNA linear PAT 11-DEC-2003
DEFINITION Sequence 760 from Patent WO03072821.
ACCESSION AX826508
VERSION AX826508.1 GI:39752022
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Adorjan,P., Burger,M., Maier,S., Nimrich,I., Becker,E., Lesche,R.,
Rujan,T. and Schmitt,A.
TITLE Method and nucleic acids for the analysis of a colon cell
JOURNAL proliferative disorder
PATENT: WO 03072821-A 760 04-SEP-2003;
JOURNAL Epigenomics AG (DE)
FEATURES
source Location/Qualifiers
1..18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Detection oligonucleotide for TIMP3"

Query Match          3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 512 CACAGTACCAATATTTTC 529
Db 18 CAAATACCAATATTTTC 1

RESULT 125
LOCUS BD130112/c

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LOCUS BDI30112 18 bp DNA linear PAT 18-SEP-2002
DEFINITION Material and method for specifying and analyzing medium-size tandem repeat DNA marker.
ACCESSION BDI30112
VERSION BDI30112.1 GI:232225057
KEYWORDS JP 2002502606-A/56.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 18)
AUTHORS Schumm,J.W. and Bacher,J.W.
TITLE Material and method for specifying and analyzing medium-size tandem repeat DNA marker
JOURNAL Patent: JP 2002502606-A 56 29-JAN-2002;
PROMEGA CORP
COMMENT OS Unidentified
PN JP 2002502606-A/56
PD 29-JAN-2002
PF 04-FEB-1999 JP 2000530608
PR 04-FEB-1998 US 09/018584
PI JAMES W SCHUMM, JESFREY W BACHER
PC C12N15/09,C12Q1/68,C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Material and method for specifying and analyzing medium-size tandem repeat
CC DNA marker
FH Key Location/Qualifiers
FT source 1..18
FT /organism='Unidentified'.
FEATURES
source
1..18 Location/Qualifiers
/organism='unidentified'
/mol_type='genomic DNA'
/db_xref='taxon:32644'
Query Match 3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 536 TCCTCTGCTCCAGGCCT 553
Db 18 TCATCTGGTCTCTGGGCCT 1
RESULT 126
LOCUS AR408026 14 bp RNA linear PAT 18-DEC-2003
DEFINITION Sequence 119 from patent US 6632057.
ACCESSION AR408026
VERSION AR408026.1 GI:40158013
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 14)
AUTHORS Fauchet,C.R.J.
TITLE Fixing unit with an end imprint in a threaded terminal portion
JOURNAL Patent: US 6632057-A 119 14-OCT-2003;
FEATURES
source 1..14 Location/Qualifiers
/organism='unknown'
/mol_type='unassigned RNA'
Query Match 3.3%; Score 13; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 770 CACTTCTGAGGC 782
Db 13 CACTTCTGAGGC 1

LOCUS I34311 16 bp DNA linear PAT 06-FEB-1997
DEFINITION Sequence 10 from patent US 5597710.
ACCESSION I34311
VERSION I34311.1 GI:1825102
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 16)
AUTHORS Dalie,B., Miller,K., Murgolo,N. and Tindall,S.
TITLE Humanized monoclonal antibodies against human interleukin-4
JOURNAL Patent: US 5597710-A 10 28-JAN-1997;
FEATURES
source 1..16 Location/Qualifiers
/organism='unknown'
/mol_type='unassigned DNA'
Query Match 3.3%; Score 13; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 718 GAGAGTGACTCTG 730
Db 16 GAGAGTGACTCTG 4
RESULT 128
LOCUS AX728634 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 268 from Patent WO03025175.
ACCESSION AX728634
VERSION AX728634.1 GI:30507977
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijinder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025175-A 268 27-MAR-2003;
FEATURES
source 1..17 Location/Qualifiers
/organism='Homo sapiens'
/mol_type='unassigned DNA'
/db_xref='taxon:9606'
Query Match 3.3%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 709 GAGTCCCAGGAGA 721
Db 15 GAGTCCCAGGAGA 3
RESULT 129
LOCUS AX735717 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 1307 from Patent WO03025177.
ACCESSION AX735717
VERSION AX735717.1 GI:30514994
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

AUTHORS Telerman,A., Amson,R. and Tuijinder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 1307 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 3.3%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 709 GAGTCCCGAGGAGA 721
Db 15 GAGTCCCGAGGAGA 3
RESULT 130
AX761661/c
LOCUS AX761661 17 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 4982 from Patent WO03040369.
ACCESSION AX761661
VERSION AX761661.1 GI:32256277
KEYWORDS Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Telerman,A., Amson,R. and Tuijinder,M.
TITLE Sequences involved in tumoral suppression, tumoral reversion,
apoptosis and/or viral resistance phenomena and their use as
medicines
JOURNAL Patent: WO 03040369-A 4982 15-MAY-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 3.3%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 709 GAGTCCCGAGGAGA 721
Db 15 GAGTCCCGAGGAGA 3
RESULT 131
AR078596
LOCUS AR078596 18 bp DNA linear PAT 31-AUG-2000
DEFINITION Sequence 22 from patent US 5962672.
ACCESSION AR078596
VERSION AR078596.1 GI:10005342
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Coswert,L.M.
TITLE Antisense modulation of RhoB expression
JOURNAL Patent: US 5962672-A 22 05-OCT-1999;
FEATURES Location/Qualifiers
source
1. .18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.3%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 702 CTCGAGCGAGTCC 714
Db 6 CTCGAGCGAGTCC 18
RESULT 132
AR215535
LOCUS AR215535 18 bp DNA linear PAT 25-SEP-2002
DEFINITION Sequence 83 from patent US 6410323.
ACCESSION AR215535
VERSION AR215535.1 GI:23313791
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Roberts,M.L. and Cowseert,L.M.
TITLE Antisense modulation of human Rho family gene expression
JOURNAL Patent: US 6410323-A 83 25-JUN-2002;
FEATURES Location/Qualifiers
source
1. .18
/organism="unknown"
/mol_type="genomic DNA"
Query Match 3.3%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 702 CTCGAGCGAGTCC 714
Db 6 CTCGAGCGAGTCC 18
RESULT 133
AX772228
LOCUS AX772228 16 bp DNA linear PAT 02-JUL-2003
DEFINITION Sequence 18 from Patent WO03042407.
ACCESSION AX772228
VERSION AX772228.1 GI:32438801
KEYWORDS Drosophila melanogaster (fruit fly)
SOURCE Drosophila melanogaster
Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha;
Ephydroidea; Drosophilidae; Drosophila.
REFERENCE 1
AUTHORS Dickson,B., Berger,J., Suzuki,T. and Knoblich,J.
TITLE Method for identifying therapeutic targets by use of genetic
screens in drosophila melanogaster
JOURNAL Patent: WO 03042407-A 18 22-MAY-2003;
FEATURES BOEHRINGER INGELHEIM INTERNATIONAL GMBH; CD Patents (DE)
Location/Qualifiers
source
1. .16
/organism="Drosophila melanogaster"
/mol_type="unassigned DNA"
/db_xref="taxon:7227"
Query Match 3.2%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 536 TCCTCTGCTCCTAGGC 551
Db 1 TCCTCTGCTCCTAGGC 16
RESULT 134
AR046566
LOCUS AR046566 17 bp DNA linear PAT 29-SEP-1999

DEFINITION Sequence 1359 from patent US 5817796.

ACCESSION AR046566

VERSION AR046566.1 GI:5968031

KEYWORDS

SOURCE

ORGANISM

Unknown.

REFERENCE 1 (bases 1 to 17)

Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T.

C-myb ribozymes having 2'-5'-linked adenylylate residues

PATENT: US 5817796-A 1359 06-OCT-1998;

Location/Qualifiers

1. .17

/organism="unknown"

/mol_type="unassigned DNA"

source

Query Match 3.2%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 1.4e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 803 CTCCTCTCAACTCAG 818

Db 2 CTCACCTCATCTCAG 17

RESULT 135

BD254077/c

LOCUS 17 bp DNA linear PAT 17-JUL-2003

DEFINITION Regulation of repressor genes using nucleic acid molecules.

ACCESSION BD254077

VERSION BD254077.1 GI:33063847

KEYWORDS JP 2002541795-A/1870.

SOURCE unidentified

ORGANISM unclassified.

REFERENCE 1 (bases 1 to 17)

Blatt, L., Zwick, M., Pavco, P. and McSwiggen, J.

Regulation of repressor genes using nucleic acid molecules

PATENT: JP 2002541795-A 1870 10-DEC-2002;

RIBOZYME PHARMACEUTICALS INC

OS Eukaryote

PN JP 2002541795-A/1870

PD 10-DEC-2002

PF 11-APR-2000 JP 2000611654

PR 12-APR-1999 US 60/129390

PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN PC

C12N15/09, A61K38/00, A61K48/00, A61P43/00, C12N5/10, PC

C12P21/02,

PC

C12P21/02, C12P21/02//A61K31/711, (C12N5/10, C12R1:91), (C12P21/02, PC

C12R1:91),

PC (C12P21/02, C12R1:91), (C12P21/02, C12R1:91), C12N15/00, C12N5/00,

PC A61K37/02, C12R1:91)

PC (C12N5/00, C12R1:91)

CC Regulation of repressor genes using nucleic acid molecules FH

Key Location/Qualifiers

FT source 1. .17

FT /organism='Eukaryote'.

Location/Qualifiers

1. .17

/organism="unidentified"

/mol_type="genomic DNA"

/db_xref="taxon:32644"

source

Query Match 3.2%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 1.4e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 678 GGACCCCGAGGGCCAC 693

Db 16 GGACCCCGAGGGCCAC 1

RESULT 136

I33456/c

LOCUS 17 bp DNA linear PAT 06-FEB-1997

DEFINITION Sequence 7 from patent US 5591821.

ACCESSION I33456

VERSION I33456.1 GI:1824247

KEYWORDS

SOURCE

ORGANISM

Unknown.

REFERENCE 1 (bases 1 to 17)

Olivera, B.M., Hillyard, D.R., Imperial, J.S. and Monje, V.D.

Omega-conotoxin peptides

PATENT: US 5591821-A 7 07-JAN-1997;

Location/Qualifiers

1. .17

/organism="unknown"

/mol_type="unassigned DNA"

source

Query Match 3.2%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 1.4e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 727 TCTGTCATAGCACTT 742

Db 17 TCATGTCATAGCACTT 2

RESULT 137

I37003/c

LOCUS 17 bp DNA linear PAT 13-MAY-1997

DEFINITION Sequence 16 from patent US 5612215.

ACCESSION I37003

VERSION I37003.1 GI:2084963

KEYWORDS

SOURCE

ORGANISM

Unknown.

REFERENCE 1 (bases 1 to 17)

Draper, K.G., Pavco, P., McSwiggen, J., Gustofson, J. and

Stinchcomb, D.T.

Stromelysin targeted ribozymes

PATENT: US 5612215-A 16 18-MAR-1997;

Location/Qualifiers

1. .17

/organism="unknown"

/mol_type="unassigned DNA"

source

Query Match 3.2%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 1.4e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 815 TCAGGCTTGGCTGCTGT 830

Db 17 TCAGGCTTGGCTGCTGT 2

RESULT 138

I53618

LOCUS 17 bp DNA linear PAT 07-OCT-1997

DEFINITION Sequence 1359 from patent US 5646042.

ACCESSION I53618

VERSION I53618.1 GI:2474821

KEYWORDS

SOURCE

ORGANISM

Unknown.

REFERENCE 1 (bases 1 to 17)

Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T.

C-myb targeted ribozymes

PATENT: US 5646042-A 1359 08-JUL-1997;

Location/Qualifiers

1. .17

source

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/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 3.2%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 803 CTCCTCTCCAACTCAG 818
Db 2 CTCAGCTCCATCTCAG 17

RESULT 139
LOCUS 193853 17 bp DNA linear PAT 01-DEC-1998
DEFINITION Sequence 16 from patent US 5731295.
ACCESSION 193853
VERSION 193853.1 GI:3938323
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Draper,K.G., Pavco,P., McSwiggen,J., Gustofson,J. and
TITLE Stinchcomb,D.T.
JOURNAL Method of reducing stromelysin RNA via ribozymes
FEATURES
source
Location/Qualifiers
1..17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 3.2%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 815 TCAGGGTTGGCTGTGT 830
Db 17 TCAGTGTGGCTGTGAGT 2

RESULT 140
LOCUS AR328925 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 6327 from patent US 6566127.
ACCESSION AR328925
VERSION AR328925.1 GI:33714733
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 6327 20-MAY-2003;
FEATURES
source
Location/Qualifiers
1..17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match
Best Local Similarity 3.2%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 821 TTGGCTGTGTCTCTTT 836
Db 16 TTTCCTGTGTCTCTTT 1

RESULT 141
LOCUS AR402381 17 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 615 from patent US 6656700.
ACCESSION AR434192
VERSION AR434192.1 GI:40197035
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu,Y. and Shannon,M.E.
TITLE Isoforms of human pregnancy-associated protein-E
JOURNAL Patent: US 6656700-A 615 02-DEC-2003;
FEATURES
source
Location/Qualifiers
1..17
/organism="unknown"
/mol_type="genomic DNA"

DEFINITION Sequence 721 from patent US 6623962.
ACCESSION AR402381
VERSION AR402381.1 GI:40149831
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Akhtar,S., Fell,P. and McSwiggen,J.A.
TITLE Enzymatic nucleic acid treatment of diseases of conditions related
to levels of epidermal growth factor receptors
JOURNAL Patent: US 6623962-A 721 23-SEP-2003;
FEATURES
source
Location/Qualifiers
1..17
/organism="unknown"
/mol_type="genomic DNA"

Query Match
Best Local Similarity 3.2%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 521 AATACCTTCCCAACAT 536
Db 2 AATGCTTTCACACAT 17

RESULT 142
LOCUS AR402382 17 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 722 from patent US 6623962.
ACCESSION AR402382
VERSION AR402382.1 GI:40149832
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Akhtar,S., Fell,P. and McSwiggen,J.A.
TITLE Enzymatic nucleic acid treatment of diseases of conditions related
to levels of epidermal growth factor receptors
JOURNAL Patent: US 6623962-A 722 23-SEP-2003;
FEATURES
source
Location/Qualifiers
1..17
/organism="unknown"
/mol_type="genomic DNA"

Query Match
Best Local Similarity 3.2%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 521 AATACCTTCCCAACAT 536
Db 1 AATGCTTTCACACAT 16

RESULT 143
LOCUS AR434192/c 17 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 615 from patent US 6656700.
ACCESSION AR434192
VERSION AR434192.1 GI:40197035
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu,Y. and Shannon,M.E.
TITLE Isoforms of human pregnancy-associated protein-E
JOURNAL Patent: US 6656700-A 615 02-DEC-2003;
FEATURES
source
Location/Qualifiers
1..17
/organism="unknown"
/mol_type="genomic DNA"
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Query Match          3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 546 CTAGGCTCCCGAGG 561
Db 17 CTATGCTCCCGAGG 2

RESULT 144
AR434193/c          17 bp DNA linear PAT 18-DEC-2003
LOCUS               Sequence 616 from patent US 6656700.
DEFINITION          AR434193
ACCESSION            AR434193
VERSION              AR434193.1 GI:40197036
KEYWORDS
SOURCE              Unknown.
ORGANISM            Unclassified.
REFERENCE            1 (bases 1 to 17)
AUTHORS             Gu, Y. and Shannon, M.E.
TITLE               Isoforms of human pregnancy-associated protein-E
JOURNAL             Patent: US 6656700-A 616 02-DEC-2003;
FEATURES            Location/Qualifiers
                    source
                    1. .17
                    /organism="unknown"
                    /mol_type="genomic DNA"

Query Match          3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 546 CTAGGCTCCCGAGG 561
Db 16 CTATGCTCCCGAGG 1

RESULT 145
AR434194/c          17 bp DNA linear PAT 18-DEC-2003
LOCUS               Sequence 617 from patent US 6656700.
DEFINITION          AR434194
ACCESSION            AR434194
VERSION              AR434194.1 GI:40197037
KEYWORDS
SOURCE              Unknown.
ORGANISM            Unclassified.
REFERENCE            1 (bases 1 to 17)
AUTHORS             Gu, Y. and Shannon, M.E.
TITLE               Isoforms of human pregnancy-associated protein-E
JOURNAL             Patent: US 6656700-A 617 02-DEC-2003;
FEATURES            Location/Qualifiers
                    source
                    1. .17
                    /organism="unknown"
                    /mol_type="genomic DNA"

Query Match          3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 546 CTAGGCTCCCGAGG 561
Db 16 CTATGCTCCCGAGG 1

RESULT 146
AR434197/c          17 bp DNA linear PAT 18-DEC-2003
LOCUS               Sequence 620 from patent US 6656700.
DEFINITION          AR434197
ACCESSION            AR434197
VERSION              AR434197.1 GI:40197040
KEYWORDS
```

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SOURCE              Unknown.
ORGANISM            Unclassified.
REFERENCE            1 (bases 1 to 17)
AUTHORS             Gu, Y. and Shannon, M.E.
TITLE               Isoforms of human pregnancy-associated protein-E
JOURNAL             Patent: US 6656700-A 620 02-DEC-2003;
FEATURES            Location/Qualifiers
                    source
                    1. .17
                    /organism="unknown"
                    /mol_type="genomic DNA"

Query Match          3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 542 GCTCTAGGCTCCCC 557
Db 16 GCTTCTATGCTCCCC 1

RESULT 147
AX217071/c          17 bp RNA linear PAT 07-SEP-2001
LOCUS               Sequence 2513 from Patent WO0159103.
DEFINITION          AX217071
ACCESSION            AX217071
VERSION              AX217071.1 GI:15527132
KEYWORDS             synthetic construct
SOURCE              synthetic construct
ORGANISM            artificial sequences.
REFERENCE            1
AUTHORS             Blatt, L., McSwiggen, J. and Chowrira, B.M.
TITLE               Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL             nogo gene expression
                    Patent: WO 0159103-A 2513 16-AUG-2001;
                    RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
                    McSwiggen, James (US); Chowrira, Bharat M. (US)
FEATURES            Location/Qualifiers
                    source
                    1. .17
                    /organism="synthetic construct"
                    /mol_type="unassigned RNA"
                    /db_xref="taxon:32630"
                    /note="Nucleic Acid"

Query Match          3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 581 CTTTCTTCTCTGTTTT 596
Db 17 CTTTCTTCTATTTT 2

RESULT 148
AX217887/c          17 bp RNA linear PAT 07-SEP-2001
LOCUS               Sequence 3329 from Patent WO0159103.
DEFINITION          AX217887
ACCESSION            AX217887
VERSION              AX217887.1 GI:15527948
KEYWORDS             synthetic construct
SOURCE              synthetic construct
ORGANISM            artificial sequences.
REFERENCE            1
AUTHORS             Blatt, L., McSwiggen, J. and Chowrira, B.M.
TITLE               Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL             nogo gene expression
                    Patent: WO 0159103-A 3329 16-AUG-2001;
                    RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
                    McSwiggen, James (US); Chowrira, Bharat M. (US)
FEATURES            Location/Qualifiers
                    source
                    1. .17
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/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/notes="Nucleic Acid"

Query Match
Best Local Similarity 3.2%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 617 TCTGCTGGTTCCTGA 632
DB 16 TCTCCCTGGTTCCTGA 1

RESULT 149
AX218118/c
LOCUS AX218118 17 bp RNA linear PAT 07-SEP-2001
DEFINITION Sequence 3560 from Patent WO0159103.
ACCESSION AX218118
VERSION AX218118.1 GI:15528179
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Blatt, L., McSwiggen, J. and Chowrira, B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL nogo gene expression
PATENT: WO 0159103-A 3560 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
FEATURES
Source
1. .17
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/notes="Nucleic Acid"

Query Match
Best Local Similarity 3.2%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 844 TGAAGACAGGCTCTG 859
DB 17 TGAAGACATCTCTG 2

RESULT 150
AX218254/c
LOCUS AX218254 17 bp RNA linear PAT 07-SEP-2001
DEFINITION Sequence 3696 from Patent WO0159103.
ACCESSION AX218254
VERSION AX218254.1 GI:15528315
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Blatt, L., McSwiggen, J. and Chowrira, B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL nogo gene expression
PATENT: WO 0159103-A 3696 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
FEATURES
Source
1. .17
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/notes="Nucleic Acid"

Query Match
Best Local Similarity 3.2%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 548 AGGCCTCCCGAGAG 563
DB 16 ATGCCTCCCGAGAG 2

RESULT 151
AX218255/c
LOCUS AX218255 17 bp RNA linear PAT 07-SEP-2001
DEFINITION Sequence 3697 from Patent WO0159103.
ACCESSION AX218255
VERSION AX218255.1 GI:15528316
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Blatt, L., McSwiggen, J. and Chowrira, B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL nogo gene expression
PATENT: WO 0159103-A 3697 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
FEATURES
Source
1. .17
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/notes="Nucleic Acid"

Query Match
Best Local Similarity 3.2%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 548 AGGCCTCCCGAGAG 563
DB 16 ATGCCTCCCGAGAG 2

RESULT 152
AX227440/c
LOCUS AX227440 17 bp RNA linear PAT 10-SEP-2001
DEFINITION Sequence 812 from Patent WO0157206.
ACCESSION AX227440
VERSION AX227440.1 GI:15556581
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Fattaey, A.R., Jarvis, T., McSwiggen, J., Bocher, R.N. and Holman, P.S.
TITLE Method and reagent for the inhibition of checkpoint kinase-1 (chk
JOURNAL 1) enzyme
PATENT: WO 0157206-A 812 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Fattaey, Ali R. (US)
FEATURES
Source
1. .17
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"

Query Match
Best Local Similarity 3.2%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 796 CCAAGAGCTCTCTCC 811
DB 16 CAAAAGCTCTCTCTCC 1

RESULT 153
AX229745
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LOCUS AX229745 17 bp DNA linear PAT 11-SEP-2001
DEFINITION Sequence 15 from Patent WO0162964.
ACCESSION AX229745
VERSION AX229745.1 GI:15591957
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Winsey,S.U., Haldar,N., Wojnarowska,F.U. and Welsh,K.N.
TITLE A genetic determinant for malignant melanoma
JOURNAL Patent: WO 0162964-A 15 30-AUG-2001;
Isis Innovation Limited (GB)
FEATURES
source
1..17
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer XPD exon 23 consensus"
Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 677 CGGACCCCGAGGCGCA 692
Db 1 CGGACCCCGAGGCGCA 16
RESULT 154
AX193393
LOCUS AX393393 17 bp DNA linear PAT 23-MAR-2002
DEFINITION Sequence 323 from Patent WO0210217.
ACCESSION AX393393
VERSION AX393393.1 GI:19701375
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS St Croix,B., Kinzler,K.W. and Vogelstein,B.
TITLE Endothelial cell expression patterns
JOURNAL Patent: WO 0210217-A 323 07-FEB-2002;
The Johns Hopkins University (US)
FEATURES
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1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 706 AGCGACTCCAGGAGA 721
Db 2 AGTGAGACCCAGGAGA 17
RESULT 155
AX423063
LOCUS AX423063 17 bp RNA linear PAT 18-JUN-2002
DEFINITION Sequence 1399 from Patent WO0188124.
ACCESSION AX423063
VERSION AX423063.1 GI:21526445
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Jarvis,T., von Carlowitz,I., Mcswiggen,J.A., McLaughlin,F.G. and
Eukaryota; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
Jarvis,T., von Carlowitz,I., Mcswiggen,J.A., McLaughlin,F.G. and

Randi,A.M.
Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1399 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
FEATURES
source
1..17
/organism="Homo sapiens"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"
Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 816 CAGGTTGGCTGTCTC 831
Db 1 CAGGATTGGCTGTCTC 16
RESULT 156
AX423480
LOCUS AX423480 17 bp RNA linear PAT 18-JUN-2002
DEFINITION Sequence 1816 from Patent WO0188124.
ACCESSION AX423480
VERSION AX423480.1 GI:21526862
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Jarvis,T., von Carlowitz,I., Mcswiggen,J.A., McLaughlin,F.G. and
Randi,A.M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 1816 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
FEATURES
source
1..17
/organism="Homo sapiens"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"
Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 816 CAGGTTGGCTGTCTC 831
Db 2 CAGGATTGGCTGTCTC 17
RESULT 157
AX423535
LOCUS AX423535 17 bp RNA linear PAT 18-JUN-2002
DEFINITION Sequence 1871 from Patent WO0188124.
ACCESSION AX423535
VERSION AX423535.1 GI:21526917
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Jarvis,T., von Carlowitz,I., Mcswiggen,J.A., McLaughlin,F.G. and
Randi,A.M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 1871 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
FEATURES
source
1..17
/organism="Homo sapiens"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"

RESULT 160
AX531207
LOCUS AX531207 17 bp DNA linear PAT 22-NOV-2002
DEFINITION Sequence 716 from Patent EPI239051.
ACCESSION AX531207
VERSION AX531207.1 GI:25254207
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Shannon, M.
TITLE Human posh-like protein 1
JOURNAL Patent: EP 1239051-A 716 11-SEP-2002;
Aeomica, Inc. (US)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 838 CTTCTCTGAAGACGACG 853
Db 1 CTTCTCCGGAGACG 16
RESULT 161
AX531268
LOCUS AX531268 17 bp DNA linear PAT 22-NOV-2002
DEFINITION Sequence 777 from Patent EPI239051.
ACCESSION AX531268
VERSION AX531268.1 GI:25254325
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Shannon, M.
TITLE Human posh-like protein 1
JOURNAL Patent: EP 1239051-A 777 11-SEP-2002;
Aeomica, Inc. (US)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 552 CTCCCGACGAGCTCC 567
Db 2 CTTCCCGACGAGCTCC 17
RESULT 162
AX531269
LOCUS AX531269 17 bp DNA linear PAT 22-NOV-2002
DEFINITION Sequence 778 from Patent EPI239051.
ACCESSION AX531269
VERSION AX531269.1 GI:25254327
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 628 CCTGAGAGAGCTCCT 643
Db 2 CCTGAGAGAGCTCCT 17
RESULT 158
AX467582
LOCUS AX467582 17 bp DNA linear PAT 16-JUL-2002
DEFINITION Sequence 18 from Patent WO0224889.
ACCESSION AX467582
VERSION AX467582.1 GI:21900774
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Epstein, N.D., Hasanzadeh, S., Winitesky, S. and Davis, J.S.
TITLE Optimized cardiac contraction through differential phosphorylation
of myosin
JOURNAL Patent: WO 0224889-A 18 28-MAR-2002;
The Secretary of the Department of Health and Human Services (US)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 677 CGGACCCCGAGGCCA 692
Db 2 CAGACCCCGAGGCCA 17
RESULT 159
AX531206
LOCUS AX531206 17 bp DNA linear PAT 22-NOV-2002
DEFINITION Sequence 715 from Patent EPI239051.
ACCESSION AX531206
VERSION AX531206.1 GI:25254205
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Shannon, M.
TITLE Human posh-like protein 1
JOURNAL Patent: EP 1239051-A 715 11-SEP-2002;
Aeomica, Inc. (US)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 838 CTTCTCTGAAGACGACG 853
Db 2 CTTCTCCGGAGACG 17


```
REFERENCE
AUTHORS      Shannon,M.
TITLE        Human poxh-like protein 1
JOURNAL      Patent: EP 1239051-A 778 11-SEP-2002;
FEATURES     Aeomica, Inc. (US)
source       Location/Qualifiers
            1. .17
            /organism="Homo sapiens"
            /mol_type="unassigned DNA"
            /db_xref="taxon:9606"

Query Match      3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 552 CTCGCCAGCGAGCTCC 567
Db 1 CTTCCAGCCAGCTCC 16

RESULT 163
AX729488
LOCUS      AX729488 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 1122 from Patent WO03025175.
ACCESSION AX729488
VERSION   AX729488.1 GI:30508831
KEYWORDS  Homo sapiens (human)
SOURCE    Homo sapiens
ORGANISM  Homo sapiens
REFERENCE 1 (bases 1 to 17)
AUTHORS   Telerman,A., Amson,R. and Tuijinder,M.
TITLE     Sequences involved in phenomena of tumour suppression, tumour
          reversion, apoptosis and/or virus resistance and their use as
          medicines
JOURNAL   Patent: WO 03025175-A 1122 27-MAR-2003;
          Molecular Engines Laboratories (FR)
FEATURES  source
            Location/Qualifiers
            1. .17
            /organism="Homo sapiens"
            /mol_type="unassigned DNA"
            /db_xref="taxon:9606"

Query Match      3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 518 ACCAATACTTTCCCAA 533
Db 2 ATCAATACTATCCCAA 17

RESULT 164
AX759567
LOCUS      AX759567 17 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 2888 from Patent WO03040369.
ACCESSION AX759567
VERSION   AX759567.1 GI:32254183
KEYWORDS  Homo sapiens (human)
SOURCE    Homo sapiens
ORGANISM  Homo sapiens
REFERENCE 1 (bases 1 to 17)
AUTHORS   Telerman,A., Amson,R. and Tuijinder,M.
TITLE     Sequences involved in tumoral suppression, tumoral reversion,
          apoptosis and/or viral resistance phenomena and their use as
          medicines
JOURNAL   Patent: WO 03040369-A 2888 15-MAY-2003;
          Molecular Engines Laboratories (FR)
FEATURES  source
            Location/Qualifiers
            1. .17

/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match      3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 521 AATACTTTCCCAACAT 536
Db 2 AATGCTTTCAACAT 17

RESULT 166
BD067882
LOCUS      BD067882 17 bp RNA linear PAT 27-AUG-2002
DEFINITION Enzymatic nucleic acid treatment of diseases or conditions related
          to levels of epidermal growth factor receptors.
ACCESSION BD067882
VERSION   BD067882.1 GI:22613485
KEYWORDS  JP 2001511003-A/722.
SOURCE    unidentified
ORGANISM  unidentified
REFERENCE 1 (bases 1 to 17)
AUTHORS   Akhtar,S., Fell,P. and Mcswiggen,J.A.

/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match      3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 802 GCTCTCCTCCCACTCA 817
Db 1 GATCTCCTCACTCA 16

RESULT 165
BD067881
LOCUS      BD067881 17 bp RNA linear PAT 27-AUG-2002
DEFINITION Enzymatic nucleic acid treatment of diseases or conditions related
          to levels of epidermal growth factor receptors.
ACCESSION BD067881
VERSION   BD067881.1 GI:22613484
KEYWORDS  JP 2001511003-A/721.
SOURCE    unidentified
ORGANISM  unidentified
REFERENCE 1 (bases 1 to 17)
AUTHORS   Akhtar,S., Fell,P. and Mcswiggen,J.A.
TITLE     Enzymatic nucleic acid treatment of diseases or conditions related
          to levels of epidermal growth factor receptors
JOURNAL   Patent: JP 2001511003-A 721 07-AUG-2001;
          RIBOZYME PHARMACEUTICALS INC,ASTON UNIV
COMMENT    OS Unidentified
          PN JP 2001511003-A/721
          PD 07-AUG-2001
          PF 14-JAN-1998 JP 1998532913
          PR 31-JAN-1997 US 60/036476,04-DEC-1997 US 08/985162 PI
          SAGHIR AKHTAR,PATRICIA FELL,JAMES A MCSWIGGEN PC
          C12N9/00,C07K14/71
          CC Strandedness: Single;
          CC Topology: Linear;
          CC Enzymatic nucleic acid treatment of diseases or conditions CC
          related to
          CC levels of epidermal growth factor receptors
          FH Key
          FT Location/Qualifiers
          1. .17
          /organism="unidentified"
          /mol_type="genomic RNA"
          /db_xref="taxon:32644"

Query Match      3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 521 AATACTTTCCCAACAT 536
Db 2 AATGCTTTCAACAT 17

RESULT 166
BD067882
LOCUS      BD067882 17 bp RNA linear PAT 27-AUG-2002
DEFINITION Enzymatic nucleic acid treatment of diseases or conditions related
          to levels of epidermal growth factor receptors.
ACCESSION BD067882
VERSION   BD067882.1 GI:22613485
KEYWORDS  JP 2001511003-A/722.
SOURCE    unidentified
ORGANISM  unidentified
REFERENCE 1 (bases 1 to 17)
AUTHORS   Akhtar,S., Fell,P. and Mcswiggen,J.A.
```

TITLE Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors

JOURNAL Patent: JP 2001511003-A 722 07-AUG-2001;
RIBOZYME PHARMACEUTICALS INC./ASTON UNIV

COMMENT OS Unidentified
PN JP 2001511003-A/722
PD 07-AUG-2001
PF 14-JAN-1998 JP 1998532913
PR 31-JAN-1997 US 60/036476, 04-DEC-1997 US 08/985162 PI
SAGHIR AKHTAR, PATRICIA FELL, JAMES A MCSWIGGEN PC
C12N9/00, C07K14/71
CC Strandedness: Single;
CC Topology: Linear;
CC Enzymatic nucleic acid treatment of diseases or conditions CC
related to
CC levels of epidermal growth factor receptors
FH Key Location/Qualifiers
FT source 1..17
/organism='Unidentified'.
/organism='unidentified'
/mol_type='genomic RNA'
/db_xref='taxon:32644'

FEATURES
source
1..17
Location/Qualifiers

Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 521 AATACCTTCCCAACAT 536
Db 1 AATGCTTCACACAT 16

RESULT 167
BD198664

LOCUS 17 bp RNA linear PAT 17-JUL-2003

DEFINITION Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.

ACCESSION BD198664.1 GI:33008434

VERSION BD198664.1

KEYWORDS JP 2002509721-A/1690

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1 (bases 1 to 17)
Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response
Patent: JP 2002509721-A 1690 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC

COMMENT OS Homo sapiens (human)
PN JP 2002509721-A/1690
PD 02-APR-2002
PF 27-MAR-1999 JP 2000541291
PR 24-MAR-1998 US 60/079678
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT, PI JAMES A MCSWIGGEN
PC C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC A61P29/00, A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00, PC C12N5/00

CC Method and reagent for treating diseases or conditions CC concerning molecule
CC participating in vasculogenic response
FH Key Location/Qualifiers
FT source 1..17
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/organism='Homo sapiens'

FEATURES
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Location/Qualifiers

Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 521 AATCTGTCTCTAGGCC 552
Db 1 CCTCTGCTCCAGGCG 16

RESULT 169
A95633/c

LOCUS 18 bp DNA linear PAT 26-JAN-2000

DEFINITION Sequence 35 from Patent WO9925815.

ACCESSION A95633

VERSION A95633.1

KEYWORDS GI:6779570

SOURCE unidentified
ORGANISM unidentified
unclassified.

/mol_type='genomic RNA'
/db_xref='taxon:9606'

Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 707 GCGAGTCCCGAGGAG 722
Db 2 GCGAGTTCGAGGAG 17

RESULT 168
BD202831

LOCUS 17 bp RNA linear PAT 17-JUL-2003

DEFINITION Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.

ACCESSION BD202831.1 GI:33012601

VERSION BD202831.1

KEYWORDS JP 2002509721-A/5857

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1 (bases 1 to 17)
Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response
Patent: JP 2002509721-A 5857 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC

COMMENT OS Homo sapiens (human)
PN JP 2002509721-A/5857
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PR 27-MAR-1998 US 60/079678
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT, PI JAMES A MCSWIGGEN
PC C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC A61P29/00, A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00, PC C12N5/00

CC Method and reagent for treating diseases or conditions CC concerning molecule
CC participating in vasculogenic response
FH Key Location/Qualifiers
FT source 1..17
/organism='Homo sapiens (human)'.
/organism='Homo sapiens'

FEATURES
source
1..17
Location/Qualifiers

Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 537 CCTCTGCTCTAGGCC 552
Db 1 CCTCTGCTCCAGGCG 16

RESULT 169
A95633/c

LOCUS 18 bp DNA linear PAT 26-JAN-2000

DEFINITION Sequence 35 from Patent WO9925815.

ACCESSION A95633

VERSION A95633.1

KEYWORDS GI:6779570

SOURCE unidentified
ORGANISM unidentified
unclassified.

REFERENCE 1 (bases 1 to 18)
AUTHORS Herrmann,B. and Kispert,A.
TITLE NUCLEIC ACIDS INVOLVED IN THE RESPONDER PHENOTYPE AND APPLICATIONS
THEROF

JOURNAL Patent: WO 925815-A 35 27-MAY-1999;
HERRMANN BERNHARD (DE); MAX PLANCK GESELLSCHAFT (DE)

FEATURES
source

1. .18
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 3.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 560 CGAGCTCCTCCGAC 575

Db 16 CAAGCTCCTCCCAAC 1

RESULT 170

AR092847/C 18 bp DNA linear PAT 08-SEP-2000

LOCUS Sequence 62 from patent US 5998206.

DEFINITION AR092847

ACCESSION AR092847

VERSION AR092847.1 GI:10019599

KEYWORDS

SOURCE Unknown.

ORGANISM

Unclassified.

REFERENCE 1 (bases 1 to 18)

AUTHORS Cowser,L.M.

TITLE Antisense inhibitor of human G-alpha-12 expression

JOURNAL Patent: US 5998206-A 62 07-DEC-1999;

FEATURES
source

1. .18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 701 CCTCCAGCGAGTCCCA 716

Db 17 CCTCCAGCGAGTACGA 2

RESULT 171

E30569 18 bp DNA linear PAT 18-JUN-2001

LOCUS Neurogenesis-inductive gene.

DEFINITION E30569

ACCESSION E30569

VERSION E30569.1 GI:13017139

KEYWORDS JP 1999341985-A/22.

SOURCE unidentified

ORGANISM

unclassified.

REFERENCE 1 (bases 1 to 18)

AUTHORS Katsuhiko,M., Jun,A., Kenji,N. and Katsunori,N.

TITLE Neurogenesis-inductive gene

JOURNAL Patent: JP 1999341985-A 22 14-DEC-1999;

RIKAGAKU KENKYUSHO

COMMENT

OS Unidentified

PN JP 1999341985-A/22

PD 14-DEC-1999

PF 30-APR-1998 JP 1998121456

PR

PI KATSUHIKO MIKOSHIBA,JUN ARIGA,KENJI NAGAI,KATSUNORI NAKATA,PC

C12N15/09,A61K35/74,A61K38/00,A61K38/00,A61K48/00,PC

C07K14/47,

PC C12N1/21,C12N5/10,C12P21/02// (C12N15/09,C12R1:91), (C12N1/21,

PC C12R1:19),
PC (C12N5/10,C12R1:91), (C12P21/02,C12R1:91), (C12P21/02,C12R1:19),
PC C12N15/00,
PC A61K37/02,A61K37/02,C12N5/00, (C12N15/00,C12R1:91), (C12N5/00,
PC C12R1:91)
CC Strandedness: Single;
CC Topology: Linear;
FH Key
FT source 1. .18
FT Location/Qualifiers
/organism="Unidentified".

FEATURES
source

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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 3.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 597 CTACAACACAGAGTAC 612

Db 3 CCAGACACAGAGTAC 18

RESULT 172

AR200637 18 bp DNA linear PAT 20-APR-2002

LOCUS Sequence 26 from patent US 6358680.

DEFINITION AR200637

ACCESSION AR200637

VERSION AR200637.1 GI:20251525

KEYWORDS

SOURCE Unknown.

ORGANISM

Unclassified.

REFERENCE 1 (bases 1 to 18)

AUTHORS Beck,J.Joseph.

TITLE Detection of wheat and barley fungal pathogens using the polymerase

JOURNAL chain reaction

Patent: US 6358680-A 26 19-MAR-2002;

FEATURES
source

1. .18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 707 GCGAGTCCCAGAGAG 722

Db 2 GCGAGTCTCGGAGAG 17

RESULT 173

AR268857 18 bp DNA linear PAT 10-APR-2003

LOCUS Sequence 25 from patent US 650637.

DEFINITION AR268857

ACCESSION AR268857

VERSION AR268857.1 GI:29699553

KEYWORDS

SOURCE Unknown.

ORGANISM

Unclassified.

REFERENCE 1 (bases 1 to 18)

AUTHORS Mikoshiba,K., Aruga,J., Nagai,T. and Nakata,K.

TITLE Neurogenesis inducing genes

JOURNAL Patent: US 650637-A 25 31-DEC-2002;

FEATURES
source

1. .18
/organism="unknown"
/mol_type="genomic DNA"

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Query Match      3.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 597 CTACACACAGAGTAC 612
Db 3 CCAGACACAGAGTAC 18

RESULT 174
AR429232/c
LOCUS AR429232 18 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 35 from patent US 6642369.
ACCESSION AR429232
VERSION AR429232.1 GI:40189381
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18).
AUTHORS Herrmann,B., Koschorz,B. and Kispert,A.
TITLE Nucleic acids involved in the responder phenotype and applications thereof
JOURNAL Patent: US 6642369-A 35 04-NOV-2003;
FEATURES
source Location/Qualifiers
    FH Key origin
    FT source 1..18
    FT /organism="unknown"
    FT /mol_type="genomic DNA"

Query Match      3.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 560 CCAGCTCTCTCCAGAC 575
Db 16 CAAGCTCTCTCCCAAC 1

RESULT 175
AX404184/c
LOCUS AX404184 18 bp DNA linear PAT 14-JUN-2002
DEFINITION Sequence 10 from Patent WO0224747.
ACCESSION AX404184
VERSION AX404184.1 GI:21437465
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Brinkmann,U. and Hoffmeyer,S.
TITLE Polymorphisms in human genes of cardiovascular regulators and their use in diagnostic and therapeutic applications
JOURNAL Patent: WO 0224747-A 10 28-MAR-2002;
FEATURES
source Location/Qualifiers
    1..18
    /organism="synthetic construct"
    /mol_type="unassigned DNA"
    /db_xref="taxon:32630"
    /notes="artificial sequence"

Query Match      3.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 550 GCCTCCCGCCAGCGACT 565
Db 18 GCCTCCCGCCAGCGACT 3

RESULT 176
BD091437/c
LOCUS BD091437 18 bp DNA linear PAT 27-AUG-2002
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DEFINITION Nucleic acids involved in the responder phenotype and applications thereof.
ACCESSION BD091437
VERSION BD091437.1 GI:22637048
KEYWORDS JP 2001523449-A/26.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 18)
AUTHORS Herrmann,B., Koschorz,B. and Kispert,A.
TITLE Nucleic acids involved in the responder phenotype and applications thereof
JOURNAL Patent: JP 2001523449-A 26 27-NOV-2001;
COMMENT MAX PLANCK GESELLSCHAFT ZUR FOERDERUNG DER WISSENSCHAFTEN EV
    OS Artificial Sequence
    PN JP 2001523449-A/26
    PD 27-NOV-2001
    PF 18-NOV-1998 JP 2000521181
    PR 18-NOV-1997 EP 97120190.0,02-MAR-1998 EP 98103596.7 PI
    BERNHARD HERRMANN,BIRGIT KOSCHORZ,ANDREAS KISPERT PC
    C12N15/09,A01K67/027,A61K31/7088,A61K38/45,A61K39/395,A61K48/ PC
    00,A61P15/16.
    PC C07K16/40,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12N9/12 PC
    ,C12Q1/68/A61K35/12,
    PC C12P21/08,C12N15/00,A61K37/52,C12N5/00
    CC Description of Artificial Sequence: synthetic no-natural CC
    origin
    FH Key Location/Qualifiers
    FT source 1..18
    FT /organism='Artificial Sequence'.
    FT Location/Qualifiers
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    /organism="synthetic construct"
    /mol_type="genomic DNA"
    /db_xref="taxon:32630"

Query Match      3.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 560 CCAGCTCTCTCCAGAC 575
Db 16 CAAGCTCTCTCCCAAC 1

RESULT 177
BD137912
LOCUS BD137912 18 bp DNA linear PAT 18-SEP-2002
DEFINITION Detection of wheat and barley fungal pathogens using the polymerase chain reaction.
ACCESSION BD137912
VERSION BD137912.1 GI:23232857
KEYWORDS JP 2002504347-A/26.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 18)
AUTHORS Beck,J.J.
TITLE Detection of wheat and barley fungal pathogens using the polymerase chain reaction
JOURNAL Patent: JP 2002504347-A 26 12-FEB-2002;
COMMENT NOVARTIS AG
    OS Artificial Sequence
    PN JP 2002504347-A/26
    PD 12-FEB-2002
    PF 18-FEB-1999 JP 2000532549
    PR 20-FEB-1998 US 09/026601
    PT JAMES JOSEPH BECK
    PC C12N15/09,C12Q1/68,C12N15/00
    CC Description of Artificial Sequence: primer JB660 FH Key
    Location/Qualifiers
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    FT source
    FT /organism='Artificial Sequence'.
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FEATURES
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    Location/Qualifiers
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      /mol_type="genomic DNA"
      /db_xref="taxon:32630"

  Query Match
    Best Local Similarity 3.2%; Score 12.8; DB 1; Length 18;
    Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

  QY 707 GCGAGTCCGAGAG 722
  Db 2 GCGAGTCTCGGAGAG 17

  RESULT 178
  AX115547
  LOCUS AX115547 18 bp DNA linear PAT 11-MAY-2001
  DEFINITION Sequence 670 from Patent WO0123262.
  ACCESSION AX115547
  VERSION AX115547.1 GI:14032489
  KEYWORDS
  SOURCE synthetic construct
  ORGANISM synthetic construct
  artificial sequences.
  REFERENCE
  1 Picoult-Newburg,L. and Pohl,M.
  AUTHORS Genotyping reagents, kits and methods of use thereof
  TITLE Patent: WO 0129262-A 670 26-APR-2001;
  JOURNAL Orchid Biosciences, Inc. (US)
  FEATURES
    source
      Location/Qualifiers
        1..18
        /organism="synthetic construct"
        /mol_type="unassigned DNA"
        /db_xref="taxon:32630"
        /note="Primer"

  Query Match
    Best Local Similarity 3.2%; Score 12.6; DB 1; Length 18;
    Matches 12; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

  QY 548 AGGCTTCCCGAGC 560
  Db 6 AGGCTTCCCGAGC 18

  RESULT 179
  BD203570
  LOCUS BD203570 14 bp RNA linear PAT 17-JUL-2003
  DEFINITION Method and reagent for treating diseases or conditions concerning
  molecule participating in vasculogenic response.
  ACCESSION BD203570
  VERSION BD203570.1 GI:33013340
  KEYWORDS JP 2002509721-A/6596.
  SOURCE Homo sapiens (human)
  ORGANISM Homo sapiens
  Eukaryota; Chordata; Craniata; Vertebrata; Euteleostomi;
  Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
  1 (bases 1 to 14)
  Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and McSwiggen,J.A.
  AUTHORS Method and reagent for treating diseases or conditions concerning
  TITLE molecule participating in vasculogenic response
  JOURNAL Patent: JP 2002509721-A 6596 02-APR-2002;
  RIBOZYME PHARMACEUTICALS INC
  OS Homo sapiens (human)
  PN JP 2002509721-A/6596
  PD 02-APR-2002
  PE 24-MAR-1999 JP 2000541291
  PR 27-MAR-1998 US 60/079678
  PI FAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
  PJ JAMES A MCSWIGGEN
  PC C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC

  A61P29/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
  PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
  C12N5/00
  CC Method and reagent for treating diseases or conditions CC
  concerning molecule
  CC participating in vasculogenic response
  FH key Location/Qualifiers
  FT source
  FT 1..14
  FT /organism='Homo sapiens (human)'.
  FT Location/Qualifiers
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    /organism="Homo sapiens"
    /mol_type="genomic RNA"
    /db_xref="taxon:9606"

  Query Match
    Best Local Similarity 3.1%; Score 12.4; DB 1; Length 14;
    Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

  QY 537 CCTCTGCTCCTAGG 550
  Db 1 CCTCTGCTCCGAG 14

  RESULT 180
  AR041947/c
  LOCUS AR041947 15 bp DNA linear PAT 29-SEP-1999
  DEFINITION Sequence 737 from patent US 5811300.
  ACCESSION AR041947
  VERSION AR041947.1 GI:5962443
  KEYWORDS
  SOURCE Unknown.
  ORGANISM Unknown.
  Unclassified.
  REFERENCE 1 (bases 1 to 15)
  AUTHORS Sullivan,S., Draper,K., Kisich,K., Stinchcomb,D.T. and McSwiggen,J.
  TITLE TNF-alpha. ribozymes
  JOURNAL Patent: US 5811300-A 737 22-SEP-1998;
  FEATURES
    source
      Location/Qualifiers
        1..15
        /organism="unknown"
        /mol_type="unassigned DNA"

  Query Match
    Best Local Similarity 3.1%; Score 12.4; DB 1; Length 15;
    Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

  QY 840 TCTCTGAAGACAGC 853
  Db 14 TGTCTGAAGACAGC 1

  RESULT 181
  AR041948/c
  LOCUS AR041948 15 bp DNA linear PAT 29-SEP-1999
  DEFINITION Sequence 738 from patent US 5811300.
  ACCESSION AR041948
  VERSION AR041948.1 GI:5962444
  KEYWORDS
  SOURCE Unknown.
  ORGANISM Unknown.
  Unclassified.
  REFERENCE 1 (bases 1 to 15)
  AUTHORS Sullivan,S., Draper,K., Kisich,K., Stinchcomb,D.T. and McSwiggen,J.
  TITLE TNF-alpha. ribozymes
  JOURNAL Patent: US 5811300-A 738 22-SEP-1998;
  FEATURES
    source
      Location/Qualifiers
        1..15
        /organism="unknown"
        /mol_type="unassigned DNA"

  Query Match
    Best Local Similarity 3.1%; Score 12.4; DB 1; Length 15;
    Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

  QY 840 TCTCTGAAGACAGC 853
  Db 14 TGTCTGAAGACAGC 1
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Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 840 TCTCTGAGACAGC 853
Db 14 TCTCTGAGACAGC 1

RESULT 182
AR130732
LOCUS AR130732 15 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 19 from patent US 6190866.
ACCESSION AR130732
VERSION AR130732.1 GI:14119057
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Nielsen, P.E. and Good, L.
TITLE Methods of bacterial gene function determination using peptide nucleic acids
JOURNAL Patent: US 6190866-A 19 20-FEB-2001;
FEATURES Location/Qualifiers
source 1..15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.1%; Score 12.4; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 830 TCTCTTTTCTCTCT 844
Db 1 TCTCTTTTCTCTCT 15

RESULT 183
AR300230
LOCUS AR300230 15 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 32 from patent US 6537775.
ACCESSION AR300230
VERSION AR300230.1 GI:31687649
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Tournier-Lasserre, E., Joutel, A., Bousser, M.-G. and Bach, J.-F.
TITLE Gene involved in cadasil, method of diagnosis and therapeutic application
JOURNAL Patent: US 6537775-A 32 25-MAR-2003;
FEATURES Location/Qualifiers
source 1..15
/organism="unknown"
/mol_type="genomic DNA"

Query Match 3.1%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 680 ACCCCGAGGCCAC 693
Db 2 ACCCCGAGGCCAC 15

RESULT 184
AR370354
LOCUS AR370354 15 bp DNA linear PAT 12-SEP-2003
DEFINITION Sequence 19 from patent US 6300318.
ACCESSION AR370354
VERSION AR370354.1 GI:34606882
KEYWORDS
SOURCE Unknown.

ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Nielsen, P.E. and Good, L.
TITLE Antibacterial and antibiotic methods using peptide nucleic acids and pharmaceutical compositions therefor
JOURNAL Patent: US 6300318-A 19 09-OCT-2001;
FEATURES Location/Qualifiers
source 1..15
/organism="unknown"
/mol_type="genomic DNA"

Query Match 3.1%; Score 12.4; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 830 TCTCTTTTCTCTCT 844
Db 1 TCTCTTTTCTCTCT 15

RESULT 185
AX207070/c
LOCUS AX207070 15 bp DNA linear PAT 30-AUG-2001
DEFINITION Sequence 23 from Patent WO0153476.
ACCESSION AX207070
VERSION AX207070.1 GI:15394862
KEYWORDS Rice tungro bacilliform virus
SOURCE Rice tungro bacilliform virus
ORGANISM Rice tungro bacilliform virus
REFERENCE 1
AUTHORS Bruce, W.B. and Niu, X.
TITLE Novel plant promoters and methods of use
JOURNAL Patent: WO 0153476-A 23 26-JUL-2001;
PIONEER HI-BRED INTERNATIONAL, INC. (US)
FEATURES Location/Qualifiers
source 1..15
/organism="Rice tungro bacilliform virus"
/mol_type="unassigned DNA"
/db_xref="taxon:10654"

Query Match 3.1%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 684 CCAGGGCCACACTG 697
Db 15 CCAGGGCCACACTG 2

RESULT 186
AX358115/c
LOCUS AX358115 15 bp DNA linear PAT 13-FEB-2002
DEFINITION Sequence 10 from Patent WO0194394.
ACCESSION AX358115
VERSION AX358115.1 GI:18674862
KEYWORDS
SOURCE Oryza sativa
ORGANISM Oryza sativa
REFERENCE 1
AUTHORS Jilka, J.M., Hood, E.B. and Howard, J.A.
TITLE Novel plant promoter sequences and methods of use for same
JOURNAL Patent: WO 0194394-A 10 13-DEC-2001;
Prodigene, Inc. (US)
FEATURES Location/Qualifiers
source 1..15
/organism="Oryza sativa"
/mol_type="unassigned DNA"

/db_xref="taxon:4530"

Query Match 3.1%; Score 12.4; DB 1; Length 15;

Best Local Similarity 92.9%; Pred. No. 1.4e+02; Mismatches 0; Indels 0; Gaps 0;

QY 684 CCAGGGCCACACTG 697
Db 15 CCAGGGCCACACTG 2

RESULT 187
AX637431/c
LOCUS AX637431 15 bp RNA linear PAT 21-FEB-2003
DEFINITION Sequence 4570 from Patent EP1260586.
ACCESSION AX637431
VERSION AX637431.1 GI:28473045

KEYWORDS
SOURCE unidentified
ORGANISM unidentified
unclassified.

REFERENCE 1
AUTHORS Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A., Karpelisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J., McSwiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M., Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and Woolf,T.
TITLE Method and reagent for inhibiting the expression of disease related genes

JOURNAL Patent: EP 1260586-A 4570 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source 1. .15
/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"

Query Match 3.1%; Score 12.4; DB 1; Length 15;

Best Local Similarity 92.9%; Pred. No. 1.4e+02; Mismatches 0; Indels 0; Gaps 0;

QY 840 TCCTCTGAAGACAGC 853
Db 14 TCCTCTGAAGACAGC 1

RESULT 188
AX637432/c
LOCUS AX637432 15 bp RNA linear PAT 21-FEB-2003
DEFINITION Sequence 4571 from Patent EP1260586.
ACCESSION AX637432
VERSION AX637432.1 GI:28473046

KEYWORDS
SOURCE unidentified
ORGANISM unidentified
unclassified.

REFERENCE 1
AUTHORS Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A., Karpelisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J., McSwiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M., Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and Woolf,T.
TITLE Method and reagent for inhibiting the expression of disease related genes

JOURNAL Patent: EP 1260586-A 4571 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source 1. .15
/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"

Query Match 3.1%; Score 12.4; DB 1; Length 15;

Best Local Similarity 92.9%; Pred. No. 1.4e+02; Mismatches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 840 TCCTCTGAAGACAGC 853
Db 14 TCCTCTGAAGACAGC 1

RESULT 189
AR150616/c
LOCUS AR150616 16 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 36 from patent US 6228982.
ACCESSION AR150616
VERSION AR150616.1 GI:15115207

KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
unclassified.

REFERENCE 1 (bases 1 to 16)
AUTHORS Norden,B., Wittung,P., Buchardt,O., Egholm,M., Nielsen,P.E. and Berg,R.
TITLE Double-stranded peptide nucleic acids

JOURNAL Patent: US 6228982-A 36 08-MAY-2001;
FEATURES
source Location/Qualifiers
1. .16
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.1%; Score 12.4; DB 1; Length 16;

Best Local Similarity 92.9%; Pred. No. 1.5e+02; Mismatches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 829 GTCCTTTTCTCTCT 842
Db 16 GTCCTTTTCTCTCT 3

RESULT 190

AR371296/c
LOCUS AR371296 16 bp DNA linear PAT 12-SEP-2003
DEFINITION Sequence 33 from patent US 6395474.
ACCESSION AR371296
VERSION AR371296.1 GI:34608228

KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
unclassified.

REFERENCE 1 (bases 1 to 16)
AUTHORS Buchardt,O., Egholm,M., Nielsen,P.E. and Berg,R.H.
TITLE Peptide nucleic acids
JOURNAL Patent: US 6395474-A 33 28-MAY-2002;
FEATURES
source Location/Qualifiers
1. .16
/organism="unknown"
/mol_type="genomic DNA"

Query Match 3.1%; Score 12.4; DB 1; Length 16;

Best Local Similarity 92.9%; Pred. No. 1.5e+02; Mismatches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 829 GTCCTTTTCTCTCT 842
Db 16 GTCCTTTTCTCTCT 3

RESULT 191

AX370480
LOCUS AX370480 16 bp DNA linear PAT 16-FEB-2002
DEFINITION Sequence 12 from Patent WO20204952.
ACCESSION AX370480
VERSION AX370480.1 GI:18857522

KEYWORDS
SOURCE synthetic construct

```

ORGANISM      synthetic construct
REFERENCE      1
AUTHORS        Altevoigt, P. and Fogel, M.
TITLE          Diagnostic and therapeutic methods based on the 11 adhesion
              molecule for ovarian and endometrial tumors
JOURNAL        Patent: WO 0204952-A 12 17-JAN-2002;
              Deutsches Krebsforschungszentrum Stiftung des Oeffentlichen Rechts
              (DE) ; MOR-RESEARCH APPLICATIONS LTD. (IL)
FEATURES       Location/Qualifiers
              1..16
              /organism="synthetic construct"
              /mol_type="unassigned DNA"
              /db_xref="taxon:32630"
              /note="primer"
Query Match   3.1%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 711 GTCCCGAGAGTG 724
      ||||| ||||| |||||
Db 3 GTCCCTGGAGTG 16

RESULT 192
BD198664/c
LOCUS          17 bp RNA linear PAT 17-JUL-2003
DEFINITION    Method and reagent for treating diseases or conditions concerning
              molecule participating in vasculogenic response.
ACCESSION     BD198664
VERSION       BD198664.1 GI:33008434
KEYWORDS      JP 2002509721-A/1690.
SOURCE        Homo sapiens (human)
ORGANISM      Homo sapiens
              Eukaryota; Chordata; Vertebrata; Euteleostomi;
              Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
              1 (bases 1 to 17)
REFERENCE     1 (bases 1 to 17)
AUTHORS      Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
TITLE        Method and reagent for treating diseases or conditions concerning
              molecule participating in vasculogenic response
JOURNAL      Patent: JP 2002509721-A 1690 02-APR-2002;
              RIBOZYME PHARMACEUTICALS INC
COMMENT      OS Homo sapiens (human)
              PN JP 2002509721-A/1690
              PD 02-APR-2002
              PF 24-MAR-1999 JP 2000541291
              PR 27-MAR-1998 US 60/079678
              PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
              JAMES A MCSWIGGEN
              PC
              C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
              A61P29/00,
              PC A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00, PC
              C12N5/00
              CC Method and reagent for treating diseases or conditions CC
              concerning molecule
              CC participating in vasculogenic response
              FH Key Location/Qualifiers
              FT source 1..17
              FT /organism='Homo sapiens (human)'.
              Location/Qualifiers
              1..17
              /organism="Homo sapiens"
              /mol_type="genomic RNA"
              /db_xref="taxon:9606"
Query Match   3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 803 CTCCTCCCACTC 816
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Db 17 CTCCTCTCGAAGTC 4

RESULT 193
AR001349
LOCUS          17 bp DNA linear PAT 04-DEC-1998
DEFINITION    Sequence 3 from patent US 5739101.
ACCESSION     AR001349
VERSION       AR001349.1 GI:3963416
KEYWORDS      Unknown.
SOURCE        Unknown.
ORGANISM      Unclassified.
              1 (bases 1 to 17)
REFERENCE     1 (bases 1 to 17)
AUTHORS      Roy, S. and Vohar, G.A.
TITLE        Tissue factor mutants useful for the treatment of myocardial
              infarction and coagulopathic disorders
JOURNAL      Patent: US 5739101-A 3 14-APR-1998;
              Location/Qualifiers
              1..17
              /organism="unknown"
              /mol_type="unassigned DNA"
Query Match   3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 871 AACACTTCTCTGAG 884
      ||||| ||||| |||||
Db 2 AACACTTCTCTAAG 15

RESULT 194
AR009341/c
LOCUS          17 bp DNA linear PAT 04-DEC-1998
DEFINITION    Sequence 109 from patent US 5756291.
ACCESSION     AR009341
VERSION       AR009341.1 GI:3968146
KEYWORDS      Unknown.
SOURCE        Unknown.
ORGANISM      Unclassified.
              1 (bases 1 to 17)
REFERENCE     1 (bases 1 to 17)
AUTHORS      Griffin, L., Albrecht, G., Latham, J., Leung, L., Vermaas, E. and
              Toole, J.J.
TITLE        Aptamers specific for biomolecules and methods of making
              Patent: US 5756291-A 109 26-MAY-1998;
              Location/Qualifiers
              1..17
              /organism="unknown"
              /mol_type="unassigned DNA"
Query Match   3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 565 TCCTCCCGAGACCAA 578
      ||||| ||||| |||||
Db 17 TCACCCGAGACCAA 4

RESULT 195
AR057479/c
LOCUS          17 bp DNA linear PAT 29-SEP-1999
DEFINITION    Sequence 1683 from patent US 587542.
ACCESSION     AR057479
VERSION       AR057479.1 GI:5983056
KEYWORDS      Unknown.
SOURCE        Unknown.
ORGANISM      Unclassified.
              1 (bases 1 to 17)
REFERENCE     1 (bases 1 to 17)
AUTHORS      Grimm, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and

```


Draper, K.G.
TITLE Intercellular adhesion molecule-1 (ICAM-1) ribozymes
JOURNAL Patent: US 5837542-A 1683 17-NOV-1998;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 866 GTTGGAACTTTC 879
Db 14 GTTGGAACTTTC 1

RESULT 196
AR057569/c
LOCUS AR057569 17 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 1773 from patent US 5837542.
ACCESSION AR057569
VERSION AR057569.1 GI:5983146
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Grimm, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and Draper, K.G.

TITLE Intercellular adhesion molecule-1 (ICAM-1) ribozymes
JOURNAL Patent: US 5837542-A 1773 17-NOV-1998;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 866 GTTGGAACTTTC 879
Db 14 GTTGGAACTTTC 1

RESULT 197
AR057651/c
LOCUS AR057651 17 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 1855 from patent US 5837542.
ACCESSION AR057651
VERSION AR057651.1 GI:5983228
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Grimm, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and Draper, K.G.

TITLE Intercellular adhesion molecule-1 (ICAM-1) ribozymes
JOURNAL Patent: US 5837542-A 1855 17-NOV-1998;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 866 GTTGGAACTTTC 879
Db 14 GTTGGAACTTTC 1

RESULT 198
AR060806/c
LOCUS AR060806 17 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 50 from patent US 5840867.
ACCESSION AR060806
VERSION AR060806.1 GI:5987256
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Toole, J.J., Griffin, L.C., Bock, L.C. and Latham, J.A.

TITLE Aptamer analogs specific for biomolecules
JOURNAL Patent: US 5840867-A 50 24-NOV-1998;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 565 TCCTCCCGACACAA 578
Db 17 TCCACCCGACACAA 4

RESULT 199
AR115237/c
LOCUS AR115237 17 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 1683 from patent US 6132967.
ACCESSION AR115237
VERSION AR115237.1 GI:14095559
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Grimm, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and Draper, K.G.

TITLE Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
JOURNAL Patent: US 6132967-A 1683 17-OCT-2000;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 866 GTTGGAACTTTC 879
Db 14 GTTGGAACTTTC 1

RESULT 200
AR115327/c
LOCUS AR115327 17 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 1773 from patent US 6132967.
ACCESSION AR115327
VERSION AR115327.1 GI:14095649
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Grimm, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and Draper, K.G.

TITLE Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
JOURNAL Patent: US 6132967-A 1773 17-OCT-2000;
FEATURES Location/Qualifiers
source 1. .17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 866 GTTGGACACTTTC 879
|||||
Db 14 GTTGGACACTTTC 1

RESULT 201
AR115409/c
LOCUS AR115409 17 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 1855 from patent US 6132967.
ACCESSION AR115409
VERSION AR115409.1 GI:14095731
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Grimm, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and Draper, K.G.
TITLE Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
JOURNAL Patent: US 6132967-A 1855 17-OCT-2000;
FEATURES Location/Qualifiers
source 1. .17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 866 GTTGGACACTTTC 879
|||||
Db 14 GTTGGACACTTTC 1

RESULT 202
BD241108/c
LOCUS BD241108 17 bp DNA linear PAT 17-JUL-2003
DEFINITION Methods and products related to genotyping and DNA analysis.
ACCESSION BD241108
VERSION BD241108.1 GI:33050878
KEYWORDS JP 2002525127-A/55.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1 (bases 1 to 17)
AUTHORS Landers, J.E., Jordan, B., Housman, D.E. and Charest, A.
TITLE Methods and products related to genotyping and DNA analysis
JOURNAL Patent: JP 2002525127-A 55 13-AUG-2002;
COMMENT MASSACHUSETTS INSTITUTE OF TECHNOLOGY
OS Homo sapiens (human)
PN JP 2002525127-A/55
PD 13-AUG-2002
PF 24-SEP-1999 JP 2000572407
PR 25-SEP-1998 US 60/101757
PI JOHN E LANDERS, BARBARA JORDAN, DAVID E HOUSMAN, ALAIN CHAREST PC
C12N15/09, C12Q1/68, G01N33/53, G01N33/566, G01N33/58, G01N37/00, PC
G01N37/00,
PC C12N15/00
CC Methods and products related to genotyping and DNA analysis FH

TITLE Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
JOURNAL Patent: US 6132967-A 1773 17-OCT-2000;
FEATURES Location/Qualifiers
source 1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 819 GGTGGCTGTCT 832
|||||
Db 17 GGTGGCTGTCT 4

RESULT 203
I31585/c
LOCUS I31585 17 bp DNA linear PAT 06-FEB-1997
DEFINITION Sequence 37 from patent US 5582981.
ACCESSION I31585
VERSION I31585.1 GI:1822376
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Toole, J.J., Latham, J., Bock, L.C. and Griffin, L.C.
TITLE Method for identifying an oligonucleotide aptamer specific for a target
JOURNAL Patent: US 5582981-A 37 10-DEC-1996;
FEATURES Location/Qualifiers
source 1. .17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 565 TCCTCCACAGACCA 578
|||||
Db 17 TCCTCCACAGACCA 4

RESULT 204
I32829
LOCUS I32829 17 bp DNA linear PAT 06-FEB-1997
DEFINITION Sequence 3 from patent US 5589363.
ACCESSION I32829
VERSION I32829.1 GI:1823620
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Roy, S. and Vohar, G.A.
TITLE DNA encoding tissue factor mutants useful for the treatment of myocardial infarction and coagulopathic disorders
JOURNAL Patent: US 5589363-A 3 31-DEC-1996;
FEATURES Location/Qualifiers
source 1. .17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 871 AACACTTCTCTGAG 884
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Db      2  RACACTTTCCTAAG 15

RESULT 205
AX045194/c
LOCUS   AX045194          17 bp    DNA          linear    PAT 24-NOV-2000
DEFINITION
Sequence 36 from Patent WO0066154.
ACCESSION
AX045194
VERSION
AX045194.1  GI:11343779
KEYWORDS
synthetic construct
SOURCE   synthetic construct
ORGANISM artificial sequences.
REFERENCE
1
AUTHORS Mcleod,R.W., Roberts,C., Roberts,F., Johnson,J., Kiritsits,M.,
Ferguson,D., Lyons,R., Mui,E., Haeelkorn,R., Mack,D., Samuel,B.,
Gornicki,P. and Zuther,E.
TITLE   Anti-microbial agents, diagnostic reagents, and vaccines based on
apicomplexan parasite components
JOURNAL Patent: WO 0066154-A 36 09-NOV-2000;
Arch Development Corporation (US) ; MRJ Trust (US) ; Mcleod, Rima
W. (US) ; Roberts, Craig (GB) ; Roberts, Fiona (GB) ; Johnson,
Jennifer (US)
FEATURES
source
Location/Qualifiers
1..17
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer"

Query Match      3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      822  TGGCTGTGTCCTT 835
Db      16  TGGCTGTTCCTT 3

RESULT 206
AX217695/c
LOCUS   AX217695          17 bp    RNA          linear    PAT 07-SEP-2001
DEFINITION
Sequence 3137 from Patent WO0159103.
ACCESSION
AX217695
VERSION
AX217695.1  GI:15527756
KEYWORDS
synthetic construct
SOURCE   synthetic construct
ORGANISM artificial sequences.
REFERENCE
1
AUTHORS Blatt,L., Mcswiggen,J. and Chowrira,B.M.
TITLE   Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
JOURNAL Patent: WO 0159103-A 3137 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
Mcswiggen, James (US) ; Chowrira, Bharat M. (US)
FEATURES
source
Location/Qualifiers
1..17
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

Query Match      3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      822  TGGCTGTGTCCTT 835
Db      16  TGGCTGTTCCTT 3

RESULT 207
AX217695/c
LOCUS   AX217695          17 bp    RNA          linear    PAT 07-SEP-2001
DEFINITION
Sequence 3137 from Patent WO0159103.
ACCESSION
AX217695
VERSION
AX217695.1  GI:15527756
KEYWORDS
synthetic construct
SOURCE   synthetic construct
ORGANISM artificial sequences.
REFERENCE
1
AUTHORS Blatt,L., Mcswiggen,J. and Chowrira,B.M.
TITLE   Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
JOURNAL Patent: WO 0159103-A 3137 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
Mcswiggen, James (US) ; Chowrira, Bharat M. (US)
FEATURES
source
Location/Qualifiers
1..17
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

Query Match      3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      822  TGGCTGTGTCCTT 835
Db      16  TGGCTGTTCCTT 3

RESULT 209
AX324625/c
LOCUS   AX324625          17 bp    DNA          linear    PAT 02-SEP-2002
DEFINITION
Sequence 763 from Patent WO0192512.
ACCESSION
AX324625
VERSION
AX324625.1  GI:18095378
KEYWORDS
Zea mays
SOURCE   Zea mays
ORGANISM Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

AX218253/c
LOCUS   AX218253          17 bp    RNA          linear    PAT 07-SEP-2001
DEFINITION
Sequence 3695 from Patent WO0159103.
ACCESSION
AX218253
VERSION
AX218253.1  GI:15528314
KEYWORDS
synthetic construct
SOURCE   synthetic construct
ORGANISM artificial sequences.
REFERENCE
1
AUTHORS Blatt,L., Mcswiggen,J. and Chowrira,B.M.
TITLE   Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
JOURNAL Patent: WO 0159103-A 3695 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
Mcswiggen, James (US) ; Chowrira, Bharat M. (US)
FEATURES
source
Location/Qualifiers
1..17
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

Query Match      3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      550  GCCTCCCGAGGAG 563
Db      16  GCCTCCCGAGGAG 3

RESULT 208
AX227689/c
LOCUS   AX227689          17 bp    RNA          linear    PAT 10-SEP-2001
DEFINITION
Sequence 1061 from Patent WO0157206.
ACCESSION
AX227689
VERSION
AX227689.1  GI:15556830
KEYWORDS
synthetic construct
SOURCE   synthetic construct
ORGANISM artificial sequences.
REFERENCE
1
AUTHORS Fattaey,A.R., Jarvis,T., Mcswiggen,J., Booker,R.N. and Holman,P.S.
TITLE   Method and reagent for the inhibition of checkpoint kinase-1 (CHK
1) enzyme
JOURNAL Patent: WO 0157206-A 1061 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
FEATURES
source
Location/Qualifiers
1..17
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"

Query Match      3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      799  AGAGCTCTCTCTCCA 812
Db      17  AAAGCTCTCTCTCCA 4

RESULT 209
AX324625/c
LOCUS   AX324625          17 bp    DNA          linear    PAT 02-SEP-2002
DEFINITION
Sequence 763 from Patent WO0192512.
ACCESSION
AX324625
VERSION
AX324625.1  GI:18095378
KEYWORDS
Zea mays
SOURCE   Zea mays
ORGANISM Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

```

Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; PACCAD
clade; Panicoideae; Andropogoneae; Zea.

REFERENCE 1
AUTHORS Kniec, E.B., Ganper, H.B., Rice, M.C. and Kim, J.

TITLE Targeted chromosomal genomic alterations in plants using modified
single stranded oligonucleotides

JOURNAL Patent: WO 0192512-A 763 06-DEC-2001;
UNIVERSITY OF DELAWARE (US)

FEATURES Location/Qualifiers

source 1..17
/organism="Zea mays"
/mol_type="unassigned DNA"
/db_xref="taxon:4577"

Query Match 3.1%; Score 12.4; DB 1; Length 17;

Best Local Similarity 92.9%; Pred. No. 1.7e+02; Gaps 0;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 540 CTGCTCTAGGCCT 553

|||||

17 CTGCTCTAGACCT 4

RESULT 210

AX324626

LOCUS

DEFINITION

AX324626

ACCESSION

VERSION

AX324626.1 GI:18095379

KEYWORDS

SOURCE

ORGANISM

Zea mays

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; PACCAD

clade; Panicoideae; Andropogoneae; Zea.

REFERENCE 1

AUTHORS Kniec, E.B., Ganper, H.B., Rice, M.C. and Kim, J.

TITLE Targeted chromosomal genomic alterations in plants using modified

single stranded oligonucleotides

JOURNAL Patent: WO 0192512-A 764 06-DEC-2001;

UNIVERSITY OF DELAWARE (US)

FEATURES Location/Qualifiers

source 1..17

/organism="Zea mays"

/mol_type="unassigned DNA"

/db_xref="taxon:4577"

Query Match 3.1%; Score 12.4; DB 1; Length 17;

Best Local Similarity 92.9%; Pred. No. 1.7e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 540 CTGCTCTAGGCCT 553

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1 CTGCTCTAGACCT 4

RESULT 211

AX531604

LOCUS

DEFINITION

AX531604

ACCESSION

VERSION

AX531604.1 GI:25254998

KEYWORDS

SOURCE

ORGANISM

Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1

AUTHORS Shannon, M.

TITLE Human posh-like protein 1

JOURNAL Patent: EP 1239051-A 1113 11-SEP-2002;

Aeomica, Inc. (US)

FEATURES Location/Qualifiers

source

1..17

/organism="Homo sapiens"

/mol_type="unassigned DNA"

/db_xref="taxon:9606"

Query Match 3.1%; Score 12.4; DB 1; Length 17;

Best Local Similarity 92.9%; Pred. No. 1.7e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 744 GTAGGTCACGG 757

|||||

4 GTAGGTCACGG 17

RESULT 212

AX531610

LOCUS

DEFINITION

AX531610

ACCESSION

VERSION

AX531610.1 GI:25255010

KEYWORDS

SOURCE

ORGANISM

Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1

AUTHORS Shannon, M.

TITLE Human posh-like protein 1

JOURNAL Patent: EP 1239051-A 1119 11-SEP-2002;

Aeomica, Inc. (US)

FEATURES Location/Qualifiers

source 1..17

/organism="Homo sapiens"

/mol_type="unassigned DNA"

/db_xref="taxon:9606"

Query Match 3.1%; Score 12.4; DB 1; Length 17;

Best Local Similarity 92.9%; Pred. No. 1.7e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 747 GGTCCTCAGGTC 760

|||||

1 GGTCCTCAGGTC 14

RESULT 213

AX634507/c

LOCUS

DEFINITION

AX634507

ACCESSION

VERSION

AX634507.1 GI:28470121

KEYWORDS

SOURCE

ORGANISM

unidentified

unidentified

unclassified

REFERENCE 1

AUTHORS

Stinchcomb, D.T., Dudycz, L.W., Chowira, B., Grimm, S., Drenzo, A.,

Karpeisky, A., Draper, K.G., Kisch, K., Matulic-Adamic, J.,

McSwiggan, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.M.,

Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and

Woolf, T.

TITLE Method and reagent for inhibiting the expression of disease related

genes

JOURNAL Patent: EP 1260586-A 1646 27-NOV-2002;

RIBOZYME PHARMACEUTICALS, INC. (US)

FEATURES Location/Qualifiers

source 1..17

/organism="unidentified"

/mol_type="unassigned RNA"

/db_xref="taxon:32644"

Query Match 3.1%; Score 12.4; DB 1; Length 17;

Best Local Similarity 92.9%; Pred. No. 1.7e+02;

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Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 866 GTTGAACACTTTC 879
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Db 14 GTTGAACACTTTC 1

RESULT 214
AX634589/c
LOCUS
DEFINITION
Sequence 1728 from Patent EP1260586.
ACCESSION
AX634589
VERSION
AX634589.1 GI:28470203
KEYWORDS
SOURCE
ORGANISM
unidentified
unclassified.
REFERENCE
1
AUTHORS
Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Direnzo,A.,
Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J.,
McSwiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Woolf,T.
TITLE
Method and reagent for inhibiting the expression of disease related
genes
JOURNAL
Patent: EP 1260586-A 1728 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
Location/Qualifiers
source
1..17
/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 866 GTTGAACACTTTC 879
|||||
Db 14 GTTGAACACTTTC 1

RESULT 215
AX634752/c
LOCUS
DEFINITION
Sequence 1891 from Patent EP1260596.
ACCESSION
AX634752
VERSION
AX634752.1 GI:28470366
KEYWORDS
SOURCE
ORGANISM
unidentified
unclassified.
REFERENCE
1
AUTHORS
Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Direnzo,A.,
Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J.,
McSwiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Woolf,T.
TITLE
Method and reagent for inhibiting the expression of disease related
genes
JOURNAL
Patent: EP 1260596-A 1891 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
Location/Qualifiers
source
1..17
/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 866 GTTGAACACTTTC 879
|||||
Db 14 GTTGAACACTTTC 1

RESULT 216
AX673910/c
LOCUS
DEFINITION
Sequence 2355 from Patent WO03004526.
ACCESSION
AX673910
VERSION
AX673910.1 GI:29332258
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Homo sapiens
REFERENCE
1
AUTHORS
Telerman,A., Amson,R. and Tuijinder,M.
TITLE
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and their use as
medicines
JOURNAL
Patent: WO 03004526-A 2355 16-JAN-2003;
Molecular Engines Laboratories (FR)
FEATURES
Location/Qualifiers
source
1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 536 TCCTCTGCTCTCTAG 549
|||||
Db 17 TCCTCTGCTCTCTAG 4

RESULT 217
AX722631
LOCUS
DEFINITION
Sequence 318 from Patent WO03025176.
ACCESSION
AX722631
VERSION
AX722631.1 GI:30423132
KEYWORDS
SOURCE
ORGANISM
Mus musculus (house mouse)
Mus musculus
REFERENCE
1
AUTHORS
Telerman,A., Amson,R. and Tuijinder,M.
TITLE
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
JOURNAL
Patent: WO 03025176-A 318 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
Location/Qualifiers
source
1..17
/organism="Mus musculus"
/mol_type="unassigned DNA"
/db_xref="taxon:10090"

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 679 GACCCCGAGGGCCA 692
|||||
Db 1 GATCCCGAGGGCCA 14

RESULT 218
AX725761/c
LOCUS
AX725761
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REFERENCE	1	Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
AUTHORS		Telerman,A., Amson,R. and Tuijnder,M.
TITLE		Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
JOURNAL		Patent: WO 03025177-A 3245 27-MAR-2003;
FEATURES		Molecular Engines Laboratories (FR)
source		Location/Qualifiers
Query Match		1. 17
Best Local Similarity		/organism="Homo sapiens"
Matches		/mol_type="unassigned DNA"
		/db_xref="taxon:9606"
Qy	782	CAGCCCTCTGGTG 795
Db	17	
		CAGCCCTCTGGAG 4
RESULT 221		
LOCUS	AX761847	17 bp DNA linear PAT 25-JUN-2003
DEFINITION	Sequence 5168 from Patent WO03040369.	
ACCESSION	AX761847	
VERSION	AX761847.1	GI:32256463
KEYWORDS		
SOURCE		Homo sapiens (human)
ORGANISM		Homo sapiens
REFERENCE		Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS		Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
TITLE		Telerman,A., Amson,R. and Tuijnder,M.
JOURNAL		Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as medicines
JOURNAL		Patent: WO 03040369-A 5168 15-MAY-2003;
FEATURES		Molecular Engines Laboratories (FR)
source		Location/Qualifiers
Query Match		1. 17
Best Local Similarity		/organism="Homo sapiens"
Matches		/mol_type="unassigned DNA"
		/db_xref="taxon:9606"
Qy	536	TCTCTGCTCTAG 549
Db	17	
		TCTCTGCTCTAG 4
RESULT 222		
LOCUS	AX762502	17 bp DNA linear PAT 25-JUN-2003
DEFINITION	Sequence 5823 from Patent WO03040369.	
ACCESSION	AX762502	
VERSION	AX762502.1	GI:32257118
KEYWORDS		
SOURCE		Homo sapiens (human)
ORGANISM		Homo sapiens
REFERENCE		Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS		Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
TITLE		Telerman,A., Amson,R. and Tuijnder,M.
JOURNAL		Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as medicines
JOURNAL		Patent: WO 03040369-A 5823 15-MAY-2003;

Molecular Engines Laboratories (FR)		Unidentified	
FEATURES	source	PN	JP 2001503620-A/6
LOCUS	1. .17	PD	21-MAR-2001
DEFINITION	/organism="Homo sapiens"	PF	29-AUG-1997 JP 1998520446
ACCESSION	/mol_type="unassigned DNA"	PI	DANGE VEERAPANANE,SHOJI HAMANAKA,IWAO NOZAWA
VERSION	/db_xref="taxon:9606"	PC	C07H21/04,A61K39/00,A61K48/00
KEYWORDS	3.1%; Score 12.4; DB 1; Length 17;	CC	Strandedness: Single;
SOURCE	Best Local Similarity 92.9%; Pred. No. 1.7e+02;	CC	Topology: Linear;
ORGANISM	Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;	PH	Key
REFERENCE		FT	source
AUTHORS	586 GTTCTGTTTCTCT 599	FT	1. .17
TITLE	1 GATCTGTTTCTCTA 14		/organism='Unidentified'.
JOURNAL			Location/Qualifiers
COMMENT			1. .17
OS	Unidentified		/organism="unidentified"
PN	JP 2001503620-A/2		/mol_type="genomic DNA"
PD	21-MAR-2001		/db_xref="taxon:32644"
PF	29-AUG-1997 JP 1998520446		
PI	DANGE VEERAPANANE,SHOJI HAMANAKA,IWAO NOZAWA		
PC	C07H21/04,A61K39/00,A61K48/00		
CC	Strandedness: Single;		
CC	Topology: Linear;		
PH	Key		
FT	source		
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	/mol_type="genomic DNA"		
	/db_xref="taxon:32644"		
Query Match	3.1%; Score 12.4; DB 1; Length 17;		
Best Local Similarity	92.9%; Pred. No. 1.7e+02;		
Matches	13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;		
QY	831 CTCCTTTCTCTCTCT 844		
	17 CTTTCTCTCTCTCT 4		
Db			
RESULT 225			
BD008665			
LOCUS	17 bp DNA linear		
DEFINITION	Oligomers which inhibit expression of interleukin genes.		
ACCESSION	BD008665		
VERSION	1 GI:18637038		
KEYWORDS	JP 2001503620-A/2.		
SOURCE	unidentified		
ORGANISM	unclassified.		
REFERENCE	1 (bases 1 to 17)		
AUTHORS	Veerapanane,D., Hamanaka,S. and Nozawa,I.		
TITLE	Oligomers which inhibit expression of interleukin genes		
JOURNAL	Patent: JP 2001503620-A 2 21-MAR-2001;		
COMMENT	HISAMITSU PHARMACEUTICAL CO INC		
OS	Unidentified		
PN	JP 2001503620-A/2		
PD	21-MAR-2001		
PF	29-AUG-1997 JP 1998520446		
PI	DANGE VEERAPANANE,SHOJI HAMANAKA,IWAO NOZAWA		
PC	C07H21/04,A61K39/00,A61K48/00		
CC	Strandedness: Double;		
CC	Topology: Linear;		
PH	Key		
FT	source		
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Query Match	3.1%; Score 12.4; DB 1; Length 17;		
Best Local Similarity	92.9%; Pred. No. 1.7e+02;		
Matches	13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;		
QY	831 CTCCTTTCTCTCTCT 844		
	1 CTTTCTCTCTCTCT 14		
Db			
RESULT 224			
BD008669/c			
LOCUS	17 bp DNA linear		
DEFINITION	Oligomers which inhibit expression of interleukin genes.		
ACCESSION	BD008669		
VERSION	1 GI:18637042		
KEYWORDS	JP 2001503620-A/6.		
SOURCE	unidentified		
ORGANISM	unclassified.		
REFERENCE	1 (bases 1 to 17)		
AUTHORS	Veerapanane,D., Hamanaka,S. and Nozawa,I.		
TITLE	Oligomers which inhibit expression of interleukin genes		
JOURNAL	Patent: JP 2001503620-A 6 21-MAR-2001;		
	HISAMITSU PHARMACEUTICAL CO INC		
OS	Unidentified		
PN	JP 2001503620-A/6		
PD	21-MAR-2001		
PF	29-AUG-1997 JP 1998520446		
PI	DANGE VEERAPANANE,SHOJI HAMANAKA,IWAO NOZAWA		
PC	C07H21/04,A61K39/00,A61K48/00		
CC	Strandedness: Double;		
CC	Topology: Linear;		
PH	Key		
FT	source		
FT	1. .17		
	/organism="unidentified"		
	/mol_type="genomic DNA"		
	/db_xref="taxon:32644"		
Query Match	3.1%; Score 12.4; DB 1; Length 17;		
Best Local Similarity	92.9%; Pred. No. 1.7e+02;		
Matches	13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;		
QY	831 CTCCTTTCTCTCTCT 844		
	1 CTTTCTCTCTCTCT 14		
Db			
RESULT 223			
BD008665			
LOCUS	17 bp DNA linear		
DEFINITION	Oligomers which inhibit expression of interleukin genes.		
ACCESSION	BD008665		
VERSION	1 GI:18637038		
KEYWORDS	JP 2001503620-A/2.		
SOURCE	unidentified		
ORGANISM	unclassified.		
REFERENCE	1 (bases 1 to 17)		

Molecular Engines Laboratories (FR)		Unidentified	
FEATURES	source	PN	JP 2001503620-A/6
LOCUS	1. .17	PD	21-MAR-2001
DEFINITION	/organism="Homo sapiens"	PF	29-AUG-1997 JP 1998520446
ACCESSION	/mol_type="unassigned DNA"	PI	DANGE VEERAPANANE,SHOJI HAMANAKA,IWAO NOZAWA
VERSION	/db_xref="taxon:9606"	PC	C07H21/04,A61K39/00,A61K48/00
KEYWORDS	3.1%; Score 12.4; DB 1; Length 17;	CC	Strandedness: Single;
SOURCE	Best Local Similarity 92.9%; Pred. No. 1.7e+02;	CC	Topology: Linear;
ORGANISM	Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;	PH	Key
REFERENCE		FT	source
AUTHORS	586 GTTCTGTTTCTCTA 599	FT	1. .17
TITLE	1 GATCTGTTTCTCTA 14		/organism='Unidentified'.
JOURNAL			Location/Qualifiers
COMMENT			1. .17
OS	Unidentified		/organism="unidentified"
PN	JP 2001503620-A/2		/mol_type="genomic DNA"
PD	21-MAR-2001		/db_xref="taxon:32644"
PF	29-AUG-1997 JP 1998520446		
PI	DANGE VEERAPANANE,SHOJI HAMANAKA,IWAO NOZAWA		
PC	C07H21/04,A61K39/00,A61K48/00		
CC	Strandedness: Single;		
CC	Topology: Linear;		
PH	Key		
FT	source		
FT	1. .17		
	/organism='Unidentified'.		
	Location/Qualifiers		
	1. .17		
	/organism="unidentified"		
	/mol_type="genomic DNA"		
	/db_xref="taxon:32644"		
Query Match	3.1%; Score 12.4; DB 1; Length 17;		
Best Local Similarity	92.9%; Pred. No. 1.7e+02;		
Matches	13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;		
QY	831 CTCCTTTCTCTCTCT 844		
	17 CTTTCTCTCTCTCT 4		
Db			
RESULT 225			
BD008665			
LOCUS	17 bp DNA linear		
DEFINITION	Oligomers which inhibit expression of interleukin genes.		
ACCESSION	BD008665		
VERSION	1 GI:18637038		
KEYWORDS	JP 2001503620-A/2.		
SOURCE	unidentified		
ORGANISM	unclassified.		
REFERENCE	1 (bases 1 to 17)		
AUTHORS	Veerapanane,D., Hamanaka,S. and Nozawa,I.		
TITLE	Oligomers which inhibit expression of interleukin genes		
JOURNAL	Patent: JP 2001503620-A 2 21-MAR-2001;		
COMMENT	HISAMITSU PHARMACEUTICAL CO INC		
OS	Unidentified		
PN	JP 2001503620-A/2		
PD	21-MAR-2001		
PF	29-AUG-1997 JP 1998520446		
PI	DANGE VEERAPANANE,SHOJI HAMANAKA,IWAO NOZAWA		
PC	C07H21/04,A61K39/00,A61K48/00		
CC	Strandedness: Double;		
CC	Topology: Linear;		
PH	Key		
FT	source		
FT	1. .17		
	Location/Qualifiers		
	1. .17		
	/organism="unidentified"		
	/mol_type="genomic DNA"		
	/db_xref="taxon:32644"		
Query Match	3.1%; Score 12.4; DB 1; Length 17;		
Best Local Similarity	92.9%; Pred. No. 1.7e+02;		
Matches	13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;		
QY	831 CTCCTTTCTCTCTCT 844		
	1 CTTTCTCTCTCTCT 14		
Db			
RESULT 224			
BD008669/c			
LOCUS	17 bp DNA linear		
DEFINITION	Oligomers which inhibit expression of interleukin genes.		
ACCESSION	BD008669		
VERSION	1 GI:18637042		
KEYWORDS	JP 2001503620-A/6.		
SOURCE	unidentified		
ORGANISM	unclassified.		
REFERENCE	1 (bases 1 to 17)		
AUTHORS	Veerapanane,D., Hamanaka,S. and Nozawa,I.		
TITLE	Oligomers which inhibit expression of interleukin genes		
JOURNAL	Patent: JP 2001503620-A 6 21-MAR-2001;		
	HISAMITSU PHARMACEUTICAL CO INC		
OS	Unidentified		
PN	JP 2001503620-A/6		
PD	21-MAR-2001		
PF	29-AUG-1997 JP 1998520446		
PI	DANGE VEERAPANANE,SHOJI HAMANAKA,IWAO NOZAWA		
PC	C07H21/04,A61K39/00,A61K48/00		
CC	Strandedness: Double;		
CC	Topology: Linear;		
PH	Key		
FT	source		
FT	1. .17		
	Location/Qualifiers		
	1. .17		
	/organism="unidentified"		
	/mol_type="genomic DNA"		
	/db_xref="taxon:32644"		
Query Match	3.1%; Score 12.4; DB 1; Length 17;		
Best Local Similarity	92.9%; Pred. No. 1.7e+02;		
Matches	13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;		
QY	831 CTCCTTTCTCTCTCT 844		
	1 CTTTCTCTCTCTCT 14		
Db			
RESULT 223			
BD008665			
LOCUS	17 bp DNA linear		
DEFINITION	Oligomers which inhibit expression of interleukin genes.		
ACCESSION	BD008665		
VERSION	1 GI:18637038		
KEYWORDS	JP 20015036		

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RESULT 226
BD132806/c
LOCUS
DEFINITION
  BD132806 17 bp DNA linear PAT 18-SEP-2002
  Improved method for isolating and recovering target DNA or RNA
  molecules having a desired nucleotide sequence.
ACCESSION
  BD132806.1 GI:23227751
VERSION
  JP 2002506352-A/6.
KEYWORDS
  Homo sapiens (human)
ORGANISM
  Homo sapiens
  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
  Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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  /mol_type="genomic DNA"
  /db_xref="taxon:9606"
REFERENCE
  AUTHORS
  Li, W.B., Jesse, J. and Nisson, P.
  TITLE
  Improved method for isolating and recovering target DNA or RNA
  molecules having a desired nucleotide sequence
  JOURNAL
  Patent: JP 2002506352-A 6 26-FEB-2002;
  LIFE TECHNOLOGIES INC
  COMMENT
  PN JP 2002506352-A/6
  PD 26-FEB-2002
  PF 24-JUN-1998 JP 1999504983
  PR 25-JUN-1997 US 60/050729
  PI WU BO LI, JOEL JESSE, PAUL NISSON
  PC C12Q1/68, G01N33/48
  CC Strandedness: Single;
  CC Topology: Linear;
  FH Key Location/Qualifiers.
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  /db_xref="taxon:9606"
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  Best Local Similarity 81.2%; Pred. No. 1.7e+02;
  Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
  QY 693 CACTGTACCTCCAGC 708
  Db 16 CACTGAACCTCCAGC 1
  RESULT 227
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  LOCUS
  DEFINITION
    BD197734 17 bp RNA linear PAT 17-JUL-2003
    Method and reagent for treating diseases or conditions concerning
    molecule participating in vasculogenic response.
  ACCESSION
    BD197734
  VERSION
    JP 2002509721-A/760.
  KEYWORDS
    Homo sapiens (human)
  SOURCE
    Homo sapiens
  ORGANISM
    Homo sapiens
    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
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    /mol_type="genomic RNA"
    /db_xref="taxon:9606"
  REFERENCE
    AUTHORS
    Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
    TITLE
    Method and reagent for treating diseases or conditions concerning
    molecule participating in vasculogenic response
    JOURNAL
    Patent: JP 2002509721-A 760 02-APR-2002;
    RIBOZYME PHARMACEUTICALS INC
    COMMENT
    OS Homo sapiens (human)
    PN JP 2002509721-A/760
    PD 02-APR-2002
    PF 24-MAR-1999 JP 2000541291
    PR 27-MAR-1998 US 60/079678
    PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
    PI JAMES A MCSWIGGEN
    PC C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
    A61P29/00,
    PC A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00, PC
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    CC participating in vasculogenic response
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    Db 3 TTGGCTGTCTCT 16
    RESULT 229
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    DEFINITION
      BD202843 17 bp RNA linear PAT 17-JUL-2003
      Method and reagent for treating diseases or conditions concerning
      molecule participating in vasculogenic response.
    ACCESSION
      BD202843
    VERSION
      JP 2002509721-A/5868.
    KEYWORDS
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    SOURCE
      Homo sapiens
    ORGANISM
      Homo sapiens
      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
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      1 (bases 1 to 17)
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      /mol_type="genomic RNA"
      /db_xref="taxon:9606"
    REFERENCE
      AUTHORS
      Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
      TITLE
      Method and reagent for treating diseases or conditions concerning
      molecule participating in vasculogenic response
      JOURNAL
      Patent: JP 2002509721-A 5868 02-APR-2002;
      RIBOZYME PHARMACEUTICALS INC
      COMMENT
      OS Homo sapiens (human)
      PN JP 2002509721-A/5868
      PD 02-APR-2002
      PF 24-MAR-1999 JP 2000541291
      PR 27-MAR-1998 US 60/079678
      PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
      PI JAMES A MCSWIGGEN
      PC C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
      A61P29/00,
      PC A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00, PC
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      Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
      QY 821 TTGGCTGTCTCT 834
      Db 3 TTGGCTGTCTCT 16
      RESULT 229
      BD202843
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LOCUS       BD202843               17 bp    RNA          linear    PAT 17-JUL-2003
DEFINITION  Method and reagent for treating diseases or conditions concerning
ACCESSION   BD202843
VERSION     BD202843.1  GI:33012613
KEYWORDS    JP 2002509721-A/5869.
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1  (bases 1 to 17)
AUTHORS     Pavco P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A.
TITLE       Method and reagent for treating diseases or conditions concerning
            molecule participating in vasculogenic response
JOURNAL     Patent: JP 2002509721-A 5869 02-APR-2002;
            RIBOZYME PHARMACEUTICALS INC
COMMENT     OS Homo sapiens (human)
            PN JP 2002509721-A/5869
            PD 02-APR-2002
            PF 24-MAR-1999 JP 2000541291
            PR 27-MAR-1998 US 60/079678
            PI PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
            PJ JAMES A MCSWIGGEN
            PC
            C12N15/09,A61K31/7089,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC
            A61P29/00,
            PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
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            CC Method and reagent for treating diseases or conditions CC
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            /db_xref="taxon:9606"

Query Match      3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 32.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 821 TTGGCTGTGCTCT 834
Db 2 TTGGCTGTGCTCT 15

RESULT 230
LOCUS       A12194
DEFINITION  EBI 765.
ACCESSION   A12194
VERSION     A12194.1  GI:491297
KEYWORDS    synthetic construct
SOURCE      synthetic construct
            ORGANISM    synthetic construct
            artificial sequences.
REFERENCE   1  (bases 1 to 17)
AUTHORS     Heckl,K., Spevak,W., Ostermann,E., Zoepfel,A., Krystek,E.,
            Maurer-Fogy,I., Wiche-Castanon,M.J., Stratowa,C. and Hauptmann,R.
TITLE       Human manganese superoxide dismutase (hMn-Sod)
JOURNAL     Patent: EP 0282899-A 17 21-SEP-1988;
            BOEHRINGER INGELHEIM INTERNATIONAL GmbH
FEATURES    Location/Qualifiers
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Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 821 TTCTGAAGACAGCGTCC 857
Db 1 CTCTGAAGAAATGTCC 17

RESULT 231
LOCUS       A60699
DEFINITION  Sequence 7 from Patent WO9708320.
ACCESSION   A60699
VERSION     A60699.1  GI:3715347
KEYWORDS    linear
SOURCE      unidentified
            ORGANISM    unidentified
            unclassified.
            1
            REFERENCE   1
            AUTHORS     Knappik,A., Pack,P., Ilag,V., Ge,L., Moroney,S. and Plueckthun,A.
            TITLE       PROTEIN/(POLY)PEPTIDE LIBRARIES
            JOURNAL     Patent: WO 9708320-A 7 06-MAR-1997;
            MORPHOSYS PROTEINOPTIMIERUNG (DE)
            FEATURES    Location/Qualifiers
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Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 753 CAGGTCCTTAGGCTC 769
Db 1 CAGGTCCTTAGGCTC 17

RESULT 232
LOCUS       AR039271
DEFINITION  Sequence 119 from patent US 5807743.
ACCESSION   AR039271
VERSION     AR039271.1  GI:5958634
KEYWORDS    linear
SOURCE      Unknown.
            ORGANISM    Unknown.
            Unclassified.
            1  (bases 1 to 17)
            REFERENCE   1
            AUTHORS     Stinchcomb,D.T. and McSwiggen,J.A.
            TITLE       Interleukin-2 receptor gamma-chain ribozymes
            JOURNAL     Patent: US 5807743-A 119 15-SEP-1998;
            FEATURES    Location/Qualifiers
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Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 835 TTCTTCTCTGAAGACA 851
Db 1 TCTATTCTCTGAAGAAA 17

RESULT 233
LOCUS       AR046778
DEFINITION  Sequence 1571 from patent US 5817796.
ACCESSION   AR046778
VERSION     AR046778.1  GI:5968243
KEYWORDS    linear
SOURCE      Unknown.
            1
            REFERENCE   1
            AUTHORS     Sequence 1571 from patent US 5817796.
            TITLE       AR046778
            JOURNAL     Patent: US 5817796-A 1571 15-SEP-1998;
            FEATURES    Location/Qualifiers
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ORGANISM Unknown.
Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T., Draper,K., McSwiggen,J., and Jarvis,T.
TITLE C-myb ribozymes having 2'-5'-linked adenylate residues
JOURNAL Patent: US 5817796-A 1571 06-OCT-1998;
FEATURES
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Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 797 CAAGAGCTCTCTCTCCAA 813
Db 1 CGAAGCTCTCTCGAA 17

RESULT 234
LOCUS AR057589 17 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 1793 from patent US 5837542.
ACCESSION AR057589
VERSION AR057589.1 GI:5983166
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
TITLE Intercellular adhesion molecule-1 (ICAM-1) ribozymes
JOURNAL Patent: US 5837542-A 1793 17-NOV-1998;
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Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 540 CTGCTCCTAGGCTCC 556
Db 1 CTGCTCGTAGACCTCTC 17

RESULT 235
LOCUS AR057683 17 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 1887 from patent US 5837542.
ACCESSION AR057683
VERSION AR057683.1 GI:5983260
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
TITLE Intercellular adhesion molecule-1 (ICAM-1) ribozymes
JOURNAL Patent: US 5837542-A 1887 17-NOV-1998;
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Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 540 CTGCTCCTAGGCTCC 556
Db 1 CTGCTCGTAGACCTCTC 17

RESULT 236
LOCUS AR057726 17 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 1930 from patent US 5837542.
ACCESSION AR057726
VERSION AR057726.1 GI:5983303
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
TITLE Intercellular adhesion molecule-1 (ICAM-1) ribozymes
JOURNAL Patent: US 5837542-A 1930 17-NOV-1998;
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Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 540 CTGCTCCTAGGCTCC 556
Db 1 CTGCTCGTAGACCTCTC 17

RESULT 237
LOCUS AR115347 17 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 1793 from patent US 6132967.
ACCESSION AR115347
VERSION AR115347.1 GI:14095669
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
TITLE Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
JOURNAL Patent: US 6132967-A 1793 17-OCT-2000;
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Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 540 CTGCTCCTAGGCTCC 556
Db 1 CTGCTCGTAGACCTCTC 17

RESULT 238
LOCUS AR115441 17 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 1887 from patent US 6132967.
ACCESSION AR115441
VERSION AR115441.1 GI:14095763
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
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Unclassified.
1 (bases 1 to 17)
Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
Patent: US 6132967-A 1887 17-OCT-2000;
JOURNAL
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Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
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QY 540 CTGCTCTAGGCTCC 556
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DB 1 CTGCTCGTAGACCTCTC 17
RESULT 239
ARL15484
LOCUS
Sequence 1930 from patent US 6132967.
DEFINITION
ACCESSION ARL15484
VERSION ARL15484.1 GI:14095806
KEYWORDS
SOURCE
ORGANISM
Unknown.
Unclassified.
1 (bases 1 to 17)
Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
Patent: US 6132967-A 1930 17-OCT-2000;
JOURNAL
FEATURES
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Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 540 CTGCTCTAGGCTCC 556
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DB 1 CTGCTCGTAGACCTCTC 17
RESULT 240
BD256490/c
LOCUS
Regulation of repressor genes using nucleic acid molecules.
DEFINITION
ACCESSION BD256490
VERSION BD256490.1 GI:33066260
KEYWORDS
SOURCE
ORGANISM
Unclassified.
1 (bases 1 to 17)
Blatt,L., Zwick,M., Pavco,P. and McSwiggen,J.
Regulation of repressor genes using nucleic acid molecules
Patent: JP 2002541795-A 4283 10-DEC-2002;
JOURNAL
COMMENT
OS Eukaryote
PN JP 2002541795-A/4283
PD 10-DEC-2002
PF 11-APR-2000 JP 2000611654
PR 12-APR-1999 US 60/129390
PI LAWRENCE BLATT,MICHAEL ZWICK,PAMELA PAVCO,JAMES MCSWIGGEN PC
C12N15/09,A61K38/00,A61K48/00,A61P43/00,A61P43/00,C12N5/10, PC

C12P21/02,
PC
C12P21/02,C12P21/02//A61K31/711,(C12N5/10,C12R1:91),(C12P21/02, PC
C12R1:91),
PC (C12P21/02,C12R1:91),(C12P21/02,C12R1:91),C12N15/00,C12N5/00,
PC A61K37/02,
PC (C12N5/00,C12R1:91)
CC Regulation of repressor genes using nucleic acid molecules FH
Key source Location/Qualifiers
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/db_xref="taxon:32644"
Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 865 AGTTGGAACACTTCT 881
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DB 17 AGTTGGAAGATTTTCT 1
RESULT 241
BD256938/c
LOCUS
Regulation of repressor genes using nucleic acid molecules.
DEFINITION
ACCESSION BD256938
VERSION BD256938.1 GI:33066708
KEYWORDS
SOURCE
ORGANISM
Unidentified.
Unclassified.
1 (bases 1 to 17)
Blatt,L., Zwick,M., Pavco,P. and McSwiggen,J.
Regulation of repressor genes using nucleic acid molecules
Patent: JP 2002541795-A 4731 10-DEC-2002;
JOURNAL
COMMENT
OS Eukaryote
PN JP 2002541795-A/4731
PD 10-DEC-2002
PF 11-APR-2000 JP 2000611654
PR 12-APR-1999 US 60/129390
PI LAWRENCE BLATT,MICHAEL ZWICK,PAMELA PAVCO,JAMES MCSWIGGEN PC
C12N15/09,A61K38/00,A61K48/00,A61P43/00,A61P43/00,C12N5/10, PC
C12P21/02,
PC
C12P21/02,C12P21/02//A61K31/711,(C12N5/10,C12R1:91),(C12P21/02, PC
C12R1:91),
PC (C12P21/02,C12R1:91),(C12P21/02,C12R1:91),C12N15/00,C12N5/00,
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PC (C12N5/00,C12R1:91)
CC Regulation of repressor genes using nucleic acid molecules FH
Key source Location/Qualifiers
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Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 865 AGTTGGAACACTTCT 881
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DB 17 AGTTGGAAGATTTTCT 1

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RESULT 242
BD257607
LOCUS BD257607 17 bp DNA linear PAT 17-JUL-2003
DEFINITION Regulation of repressor genes using nucleic acid molecules.
ACCESSION BD257607
VERSION BD257607.1 GI:33067377
KEYWORDS JP 2002541795-A/5400.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 17)
AUTHORS Blatt,L., Zwick,M., Pavco,P. and McSwiggen,J.
TITLE Regulation of repressor genes using nucleic acid molecules
JOURNAL RIBOZYME PHARMACEUTICALS INC
COMMENT OS Eukaryote
PN JP 2002541795-A/5400
PD 10-DEC-2002
PF 11-APR-2000 JP 2000611654
PI LAWRENCE BLATT,MICHAEL ZWICK,PAMELA PAVCO,JAMES MCSWIGGEN PC
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C12P21/02,
PC
C12P21/02,C12P21/02//A61K31/711,(C12N5/10,C12R1:91),(C12P21/02, PC
C12R1:91)
PC (C12P21/02,C12R1:91),(C12P21/02,C12R1:91),C12N15/00,C12N5/00,
PC A61K37/02,
PC (C12N5/00,C12R1:91)
CC Regulation of repressor genes using nucleic acid molecules FH
Key Location/Qualifiers
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/mol_type='genomic DNA'
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Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 537 CCTCTGCTCCTAGGCCT 553
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Db 1 CCAGTGTCTCTAGACCT 17
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RESULT 243
I53830
LOCUS I53830 17 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 1571 from patent US 5646042.
ACCESSION I53830
VERSION I53830.1 GI:2475033
KEYWORDS .
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
TITLE C-myb targeted ribozymes
JOURNAL Patent: US 5646042-A 1571 08-JUL-1997;
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Location/Qualifiers
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/mol_type='unassigned DNA'
Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 797 CAAGAGCTCTCTCTCAA 813
||| ||||| ||||| |||||
Db 1 CGAAGCTCTCTCTCGAA 17
||| ||||| ||||| |||||
RESULT 244
AR186585
LOCUS AR186585 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 2073 from patent US 6346398.
ACCESSION AR186585
VERSION AR186585.1 GI:20232550
KEYWORDS .
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 2073 12-FEB-2002;
FEATURES
source 1..17
Location/Qualifiers
/organism='unknown'
/mol_type='unassigned DNA'
Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 865 AGTTGGAACACTTTTCCT 881
||| ||||| ||||| |||||
Db 17 AGCTGAAATACTTTTCCT 1
||| ||||| ||||| |||||
RESULT 245
AR187061
LOCUS AR187061 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 2549 from patent US 6346398.
ACCESSION AR187061
VERSION AR187061.1 GI:20233026
KEYWORDS .
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 2549 12-FEB-2002;
FEATURES
source 1..17
Location/Qualifiers
/organism='unknown'
/mol_type='unassigned DNA'
Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 580 ACTTTTGTTCTCTGTTTTT 596
||| ||||| ||||| |||||
Db 1 ACTTTTCTTTTCTTTTCTT 17
||| ||||| ||||| |||||
RESULT 246
AR188382/c
LOCUS AR188382 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 3870 from patent US 6346398.
ACCESSION AR188382
VERSION AR188382.1 GI:20234347
KEYWORDS .
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
```

AUTHORS Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 3870 12-FEB-2002;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 593 TTTTCAACACACAG 609
|||||
Db 17 TTTTCCACACAGATAG 1

RESULT 247
ARI89919/c
LOCUS ARI89919 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 5407 from patent US 6346398.
ACCESSION ARI89919
VERSION ARI89919.1 GI:20235984
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 5407 12-FEB-2002;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 623 TGGTCTCAGACAGGC 639
|||||
Db 17 TGGTCACTGACAGAGC 1

RESULT 248
ARI89998
LOCUS ARI89998 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 5486 from patent US 6346398.
ACCESSION ARI89998
VERSION ARI89998.1 GI:20235963
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 5486 12-FEB-2002;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 869 GGAACACTTCTCTGAGA 885
|||||

Db 1 GAAACCTTCTCTGGGA 17

RESULT 249
ARI92098/c
LOCUS ARI92098 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 7586 from patent US 6346398.
ACCESSION ARI92098
VERSION ARI92098.1 GI:20238063
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 7586 12-FEB-2002;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 525 CTTTCCCAACATCCTCT 541
|||||
Db 17 CTTTCCCAAGCCCT 1

RESULT 250
ARI92099/c
LOCUS ARI92099 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 7587 from patent US 6346398.
ACCESSION ARI92099
VERSION ARI92099.1 GI:20238064
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 7587 12-FEB-2002;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 524 ACTTCCCAACATCCTC 540
|||||
Db 17 ACTTCCCAAGCCCT 1

RESULT 251
ARI95602/c
LOCUS ARI95602 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 67 from patent US 6350934.
ACCESSION ARI95602
VERSION ARI95602.1 GI:20245039
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Zwick,M.G., Edington,B.E., McSwiggen,J.A., Merlo,P. Ann.Owens.,

Guo,L., Skokut,T.A., Young,S.A., Folkerts,O. and Merlo,D.J.
Nucleic acid encoding delta-9 desaturase
Patent: US 6350934-A 67 26-FEB-2002;
Location/Qualifiers
1. .17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 525 CTTTCCCAACATCTCT 541
Db 17 CTTTCCCAACATCTCT 1

RESULT 252
AR286099 17 bp RNA linear PAT 10-APR-2003
LOCUS
DEFINITION Sequence 471 from patent US 6528640.
ACCESSION AR286099
VERSION AR286099.1 GI:29723695
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Beigelman,L., Burgin,A., Beaudry,A., Karpeisky,A.,
Matulic-Adamic,J., Sweedler,D. and Zinnen,S.
TITLE Synthetic ribonucleic acids with RNase activity
JOURNAL Patent: US 6528640-A 471 04-MAR-2003;
FEATURES Location/Qualifiers
source 1. .17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 616 CTCTGCTGCTGCTCGA 632
Db 1 CTCTGCTGCTGCTCGA 17

RESULT 253
AR286447 17 bp RNA linear PAT 10-APR-2003
LOCUS
DEFINITION Sequence 819 from patent US 6528640.
ACCESSION AR286447
VERSION AR286447.1 GI:29724043
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Beigelman,L., Burgin,A., Beaudry,A., Karpeisky,A.,
Matulic-Adamic,J., Sweedler,D. and Zinnen,S.
TITLE Synthetic ribonucleic acids with RNase activity
JOURNAL Patent: US 6528640-A 819 04-MAR-2003;
FEATURES Location/Qualifiers
source 1. .17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 757 GTCCTTAGGCTCCACT 773
Db 1 GCCCCAGGCTCCACT 17

Guo,L., Skokut,T.A., Young,S.A., Folkerts,O. and Merlo,D.J.
Nucleic acid encoding delta-9 desaturase
Patent: US 6350934-A 67 26-FEB-2002;
Location/Qualifiers
1. .17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 525 CTTTCCCAACATCTCT 541
Db 17 CTTTCCCAACATCTCT 1

RESULT 252
AR286099 17 bp RNA linear PAT 10-APR-2003
LOCUS
DEFINITION Sequence 471 from patent US 6528640.
ACCESSION AR286099
VERSION AR286099.1 GI:29723695
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Beigelman,L., Burgin,A., Beaudry,A., Karpeisky,A.,
Matulic-Adamic,J., Sweedler,D. and Zinnen,S.
TITLE Synthetic ribonucleic acids with RNase activity
JOURNAL Patent: US 6528640-A 471 04-MAR-2003;
FEATURES Location/Qualifiers
source 1. .17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 616 CTCTGCTGCTGCTCGA 632
Db 1 CTCTGCTGCTGCTCGA 17

RESULT 253
AR286447 17 bp RNA linear PAT 10-APR-2003
LOCUS
DEFINITION Sequence 819 from patent US 6528640.
ACCESSION AR286447
VERSION AR286447.1 GI:29724043
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Beigelman,L., Burgin,A., Beaudry,A., Karpeisky,A.,
Matulic-Adamic,J., Sweedler,D. and Zinnen,S.
TITLE Synthetic ribonucleic acids with RNase activity
JOURNAL Patent: US 6528640-A 819 04-MAR-2003;
FEATURES Location/Qualifiers
source 1. .17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 757 GTCCTTAGGCTCCACT 773
Db 1 GCCCCAGGCTCCACT 17

RESULT 254
AR286455 17 bp RNA linear PAT 10-APR-2003
LOCUS
DEFINITION Sequence 827 from patent US 6528640.
ACCESSION AR286455
VERSION AR286455.1 GI:29724051
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Beigelman,L., Burgin,A., Beaudry,A., Karpeisky,A.,
Matulic-Adamic,J., Sweedler,D. and Zinnen,S.
TITLE Synthetic ribonucleic acids with RNase activity
JOURNAL Patent: US 6528640-A 827 04-MAR-2003;
FEATURES Location/Qualifiers
source 1. .17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 542 GCTCTTAGGCTCCCA 558
Db 1 GCTGCAAGCTCCCA 17

RESULT 255
AR323216/c 17 bp RNA linear PAT 17-AUG-2003
LOCUS
DEFINITION Sequence 618 from patent US 6566127.
ACCESSION AR323216
VERSION AR323216.1 GI:33709024
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 618 20-MAY-2003;
FEATURES Location/Qualifiers
source 1. .17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 865 AGTTGGAACACTTTCCT 881
Db 17 AGCTGAATACTTTCCT 1

RESULT 256
AR323671 17 bp RNA linear PAT 17-AUG-2003
LOCUS
DEFINITION Sequence 1073 from patent US 6566127.
ACCESSION AR323671
VERSION AR323671.1 GI:33709479
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions

related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 1073 20-MAY-2003;
Location/Qualifiers
1. .17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 580 ACTTTGTCGTTTT 596
Db 1 ACTTTTTTTTTTTT 17

RESULT 257
AR324235/c
LOCUS AR324235 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 1637 from patent US 6566127.
ACCESSION AR324235
VERSION AR324235.1 GI:33710043
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 1637 20-MAY-2003;
FEATURES Location/Qualifiers
source 1. .17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 593 TTTTCTACACACAG 609
Db 17 TTTTCTCCACAGATAG 1

RESULT 258
AR324904/c
LOCUS AR324904 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 2306 from patent US 6566127.
ACCESSION AR324904
VERSION AR324904.1 GI:33710712
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 2306 20-MAY-2003;
FEATURES Location/Qualifiers
source 1. .17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 623 TGGTTCCTGAGAGGC 639
Db 17 TGGTCACTGACAGAGC 1

related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 1073 20-MAY-2003;
Location/Qualifiers
1. .17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 580 ACTTTGTCGTTTT 596
Db 1 ACTTTTTTTTTTTT 17

RESULT 257
AR324235/c
LOCUS AR324235 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 1637 from patent US 6566127.
ACCESSION AR324235
VERSION AR324235.1 GI:33710043
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 1637 20-MAY-2003;
FEATURES Location/Qualifiers
source 1. .17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 593 TTTTCTACACACAG 609
Db 17 TTTTCTCCACAGATAG 1

RESULT 258
AR324904/c
LOCUS AR324904 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 2306 from patent US 6566127.
ACCESSION AR324904
VERSION AR324904.1 GI:33710712
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 2306 20-MAY-2003;
FEATURES Location/Qualifiers
source 1. .17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 623 TGGTTCCTGAGAGGC 639
Db 17 TGGTCACTGACAGAGC 1

RESULT 259
AR324975
LOCUS AR324975 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 2377 from patent US 6566127.
ACCESSION AR324975
VERSION AR324975.1 GI:33710783
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 2377 20-MAY-2003;
FEATURES Location/Qualifiers
source 1. .17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 869 GGAACACTTCTCTGAGA 885
Db 1 GAACACCTTCTCTGGA 17

RESULT 260
AR325980/c
LOCUS AR325980 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 3382 from patent US 6566127.
ACCESSION AR325980
VERSION AR325980.1 GI:33711788
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 3382 20-MAY-2003;
FEATURES Location/Qualifiers
source 1. .17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 525 CTTTCCCAACATCCTCT 541
Db 17 CTTTCCCAAGGCCCT 1

RESULT 261
AR325981/c
LOCUS AR325981 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 3383 from patent US 6566127.
ACCESSION AR325981
VERSION AR325981.1 GI:33711789
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor

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JOURNAL Patent: US 6566127-A 3383 20-MAY-2003;
FEATURES source
  Location/Qualifiers
    1..17
      /organism="unknown"
      /mol_type="unassigned RNA"

Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 524 ACTTCCCAACATCCTC 540
Db 17 ACTTCCCAAAAGCCCC 1

RESULT 262
AR328065 LOCUS 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 5467 from patent US 6566127.
ACCESSION AR328065
VERSION AR328065.1 GI:33713873
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 5467 20-MAY-2003;
FEATURES source
  Location/Qualifiers
    1..17
      /organism="unknown"
      /mol_type="unassigned RNA"

Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 807 CTTCAACTCAGGTTG 823
Db 1 CTTCAACTCAGGTTG 17

RESULT 263
AR328075/c LOCUS 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 5477 from patent US 6566127.
ACCESSION AR328075
VERSION AR328075.1 GI:33713883
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 5477 20-MAY-2003;
FEATURES source
  Location/Qualifiers
    1..17
      /organism="unknown"
      /mol_type="unassigned RNA"

Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 861 CTCAGTGGACACTT 877
Db 17 CTCAGATGGAACATT 1
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RESULT 264
AR329270 LOCUS 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 6672 from patent US 6566127.
ACCESSION AR329270
VERSION AR329270.1 GI:33715078
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 6672 20-MAY-2003;
FEATURES source
  Location/Qualifiers
    1..17
      /organism="unknown"
      /mol_type="unassigned RNA"

Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 873 CACTTCTCTGAGATGCA 889
Db 1 CACTTACTGAGGAGCA 17

RESULT 265
AR363926 LOCUS 17 bp DNA linear PAT 03-SEP-2003
DEFINITION Sequence 21 from patent US 5240847.
ACCESSION AR363926
VERSION AR363926.1 GI:34426033
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Heckl,K., Spevak,W., Ostermann,E., Zophel,A., Krystek,E., Maurer-Fogy,I., Miche-Castanon,M.J., Stratowa,C. and Hauptmann,R.
TITLE Human manganese superoxide dismutase (hmn-SOD)
JOURNAL Patent: US 5240847-A 21 31-AUG-1993;
FEATURES source
  Location/Qualifiers
    1..17
      /organism="unknown"
      /mol_type="genomic DNA"

Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 841 CTCTGAAGACAGCGTCC 857
Db 1 CTCTGAAGAAAATGTC 17

RESULT 266
AR369047 LOCUS 17 bp DNA linear PAT 12-SEP-2003
DEFINITION Sequence 7 from patent US 6300064.
ACCESSION AR369047
VERSION AR369047.1 GI:34605003
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Knappik,A., Pack,P., Ge,L., Moroney,S. and Pluckthun,A.
TITLE Protein/(poly)peptide libraries
JOURNAL Patent: US 6300064-A 7 09-OCT-2001;
FEATURES source
  Location/Qualifiers
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source
1. .17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 753 CAGGTCCTAGGCTC 769
||||| ||| ||| ||| |||
Db 1 CAGGTCCTAGGCTC 17

RESULT 267
AR398089 AR398089 17 bp RNA linear PAT 18-DEC-2003
LOCUS
DEFINITION Sequence 470 from patent US 6617438.
ACCESSION AR398089
VERSION AR398089.1 GI:40135616
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Beigelman,L., Burgin,A.B., Beaudry,A., Karpeisky,A.,
Matulic-Adamic,J., Sweedler,D. and Zinnen,S.
TITLE Oligoribonucleotides with enzymatic activity
JOURNAL Patent: US 6617438-A 470 09-SEP-2003;
FEATURES Location/Qualifiers
source
1. .17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 616 CTCGTGCTGGTCTCGA 632
||||| ||| ||| ||| |||
Db 1 CTCGTGCTGGTCTCGA 17

RESULT 268
AR398437 AR398437 17 bp RNA linear PAT 18-DEC-2003
LOCUS
DEFINITION Sequence 818 from patent US 6617438.
ACCESSION AR398437
VERSION AR398437.1 GI:40136249
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Beigelman,L., Burgin,A.B., Beaudry,A., Karpeisky,A.,
Matulic-Adamic,J., Sweedler,D. and Zinnen,S.
TITLE Oligoribonucleotides with enzymatic activity
JOURNAL Patent: US 6617438-A 818 09-SEP-2003;
FEATURES Location/Qualifiers
source
1. .17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 757 GTCCCTAGGCTCCACT 773
||||| ||| ||| ||| |||
Db 1 GCCCCAGGCTCCACT 17

RESULT 269
AR398445 AR398445 17 bp RNA linear PAT 18-DEC-2003
LOCUS
DEFINITION Sequence 826 from patent US 6617438.
ACCESSION AR398445
VERSION AR398445.1 GI:40136264
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Beigelman,L., Burgin,A.B., Beaudry,A., Karpeisky,A.,
Matulic-Adamic,J., Sweedler,D. and Zinnen,S.
TITLE Oligoribonucleotides with enzymatic activity
JOURNAL Patent: US 6617438-A 826 09-SEP-2003;
FEATURES Location/Qualifiers
source
1. .17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 542 GCTCCTAGGCTCCCA 558
||||| ||| ||| ||| |||
Db 1 GCTCCTAGGCTCCCA 17

RESULT 270
AR408828 AR408828 17 bp DNA linear PAT 18-DEC-2003
LOCUS
DEFINITION Sequence 23 from patent US 6632641.
ACCESSION AR408828
VERSION AR408828.1 GI:40159229
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Brennan,T.M., Chatelain,F. and Berninger,M.
TITLE Method and apparatus for performing large numbers of reactions
using array assembly with releasable primers
JOURNAL Patent: US 6632641-A 23 14-OCT-2003;
FEATURES Location/Qualifiers
source
1. .17
/organism="unknown"
/mol_type="genomic DNA"

Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 817 AGGGTTGGCTGTCTC 833
||||| ||| ||| ||| |||
Db 17 AGGGTTGGCTGTCTC 1

RESULT 271
AR434003 AR434003 17 bp DNA linear PAT 18-DEC-2003
LOCUS
DEFINITION Sequence 426 from patent US 6656700.
ACCESSION AR434003
VERSION AR434003.1 GI:40196846
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu,Y. and Shannon,M.E.
TITLE Isoforms of human pregnancy-associated protein-E
JOURNAL Patent: US 6656700-A 426 02-DEC-2003;
FEATURES Location/Qualifiers
source
1. .17
/organism="unknown"
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LOCUS	AX214795	17 bp	RNA	linear	PAT 07-SEP-2001
DEFINITION	Sequence 237 from Patent WO0159103.				
ACCESSION	AX214795				
VERSION	AX214795.1	GI:15524838			
KEYWORDS	synthetic construct				
SOURCE	synthetic construct				
ORGANISM	artificial sequences.				
REFERENCE	1				
AUTHORS	Blatt, L., McSwiggen, J. and Chowrira, B.M.				
TITLE	Method and reagent for the modulation and diagnosis of cd20 and				
JOURNAL	nogo gene expression				
FEATURES	Patent: WO 0159103-A 237 16-AUG-2001;				
source	RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;				
	McSwiggen, James (US) ; Chowrira, Bharat M. (US)				
	Location/Qualifiers				
	1. .17				
	/organism="synthetic construct"				
	/mol_type="unassigned RNA"				
	/db_xref="taxon:32630"				
	/note="Nucleic Acid"				
Query Match	3.1%; Score 12.2; DB 1; Length 17;				
Best Local Similarity	82.4%; Pred. No. 1.8e+02;				
Matches	14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;				
QY	582	TTTTGTTCTGTTTCT	598		
Db	17	TTTTCTCTATTTTT	1		
RESULT 275					
LOCUS	AX217888	17 bp	RNA	linear	PAT 07-SEP-2001
DEFINITION	Sequence 3330 from Patent WO0159103.				
ACCESSION	AX217888				
VERSION	AX217888.1	GI:15527949			
KEYWORDS	synthetic construct				
SOURCE	synthetic construct				
ORGANISM	artificial sequences.				
REFERENCE	1				
AUTHORS	Blatt, L., McSwiggen, J. and Chowrira, B.M.				
TITLE	Method and reagent for the modulation and diagnosis of cd20 and				
JOURNAL	nogo gene expression				
FEATURES	Patent: WO 0159103-A 3330 16-AUG-2001;				
source	RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;				
	McSwiggen, James (US) ; Chowrira, Bharat M. (US)				
	Location/Qualifiers				
	1. .17				
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	/db_xref="taxon:32630"				
	/note="Nucleic Acid"				
Query Match	3.1%; Score 12.2; DB 1; Length 17;				
Best Local Similarity	82.4%; Pred. No. 1.8e+02;				
Matches	14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;				
QY	615	ACTCTGCTGTTCTCTG	631		
Db	17	AGTCTCTCTGTTGCTG	1		
RESULT 276					
LOCUS	AX218091	17 bp	RNA	linear	PAT 07-SEP-2001
DEFINITION	Sequence 3533 from Patent WO0159103.				
ACCESSION	AX218091				
VERSION	AX218091.1	GI:15528152			
KEYWORDS	synthetic construct				
SOURCE	synthetic construct				
ORGANISM	artificial sequences.				
REFERENCE	1				
AUTHORS	Blatt, L., McSwiggen, J. and Chowrira, B.M.				
TITLE	Method and reagent for the modulation and diagnosis of cd20 and				
JOURNAL	nogo gene expression				
FEATURES	Patent: WO 0159103-A 3533 16-AUG-2001;				
source	RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;				
	McSwiggen, James (US) ; Chowrira, Bharat M. (US)				
	Location/Qualifiers				
	1. .17				
	/organism="synthetic construct"				
	/mol_type="unassigned RNA"				
	/db_xref="taxon:32630"				
	/note="Nucleic Acid"				
Query Match	3.1%; Score 12.2; DB 1; Length 17;				
Best Local Similarity	82.4%; Pred. No. 1.8e+02;				
Matches	14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;				
QY	815	AGGTTGCTGTTCTCTC	831		
Db	17	AGGTTGCTGTTCTCTC	1		

artificial sequences.

REFERENCE
1
AUTHORS Blatt L., Mcswiggen,J. and Chowrira,B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
JOURNAL Patent: WO 0159103-A 3533 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
Mcswiggen, James (US) ; Chowrira, Bharat M. (US)
FEATURES
Location/Qualifiers
source
1..17
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 621 CCTGGTCTCTGAGAG 637
Db 17 CCTGGTCTGATGGAG 1

RESULT 277
AX227687/c
LOCUS AX227687 17 bp RNA linear PAT 10-SEP-2001
DEFINITION Sequence 1059 from Patent WO0157206.
ACCESSION AX227687
VERSION AX227687.1 GI:15556828
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.

REFERENCE
1
AUTHORS Fattaey,A.R., Jarvis,T., Mcswiggen,J., Boehr,R.N. and Holman,P.S.
TITLE Method and reagent for the inhibition of checkpoint kinase-1 (chk 1) enzyme
JOURNAL Patent: WO 0157206-A 1059 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
FEATURES
Location/Qualifiers
source
1..17
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 802 GCTCTCTCCCACTCAG 818
Db 17 GCTCTCTCCACTACAG 1

RESULT 278
AX267014
LOCUS AX267014 17 bp DNA linear PAT 26-OCT-2001
DEFINITION Sequence 3 from Patent WO0173001.
ACCESSION AX267014
VERSION AX267014.1 GI:16515799
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE
1
AUTHORS Seidman,M.M. and Majumdar,A.
TITLE Establishment of cellular manipulations which enhance oligo-mediated gene targeting
JOURNAL Patent: WO 0173001-A 3 04-OCT-2001;
THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES (US)
FEATURES
Location/Qualifiers
source
1..17

/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 826 TGTGTCTCTTTCTTCT 842
Db 1 TTTCCTTTTCTTCTTCT 17

RESULT 279
AX422883/c
LOCUS AX422883 17 bp RNA linear PAT 18-JUN-2002
DEFINITION Sequence 1219 from Patent WO0188124.
ACCESSION AX422883
VERSION AX422883.1 GI:21526265
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens

REFERENCE
1
AUTHORS Jarvis,T., von Carlowitz,I., Mcswiggen,J.A., McLaughlin,F.G. and Randi,A.M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 1219 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES
Location/Qualifiers
source
1..17
/organism="Homo sapiens"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 526 TTTCCTCAATCTCTCTG 542
Db 17 TTTCCTCAATCTCTCTG 1

RESULT 280
AX423355/c
LOCUS AX423355 17 bp RNA linear PAT 18-JUN-2002
DEFINITION Sequence 1691 from Patent WO0188124.
ACCESSION AX423355
VERSION AX423355.1 GI:21526737
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens

REFERENCE
1
AUTHORS Jarvis,T., von Carlowitz,I., Mcswiggen,J.A., McLaughlin,F.G. and Randi,A.M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 1691 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES
Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 652 GACCTCAGCTTCTCTCG 668
Db 17 GCCCAGCTCTCTCTCG 1

RESULT 281
AX474888
LOCUS AX474888 17 bp DNA linear PAT 12-AUG-2002
DEFINITION Sequence 109 from Patent WO224750.
ACCESSION AX474888
VERSION AX474888.1 GI:22214173
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
REFERENCE
AUTHORS Zhang, J.
TITLE Human kidney tumor overexpressed membrane protein 1
JOURNAL Patent: WO 0224750-A 109 28-MAR-2002;
Aeomica, Inc. (US)
FEATURES
source Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 751 CCCAGGCTCCCTAGGCC 767
Db 1 CCCAGGCTCCCTAGGCC 17

RESULT 282
AX475307/c
LOCUS AX475307 17 bp DNA linear PAT 12-AUG-2002
DEFINITION Sequence 528 from Patent WO224750.
ACCESSION AX475307
VERSION AX475307.1 GI:22214592
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
REFERENCE
AUTHORS Zhang, J.
TITLE Human kidney tumor overexpressed membrane protein 1
JOURNAL Patent: WO 0224750-A 528 28-MAR-2002;
Aeomica, Inc. (US)
FEATURES
source Location/Qualifiers
1..17
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 805 CTCCTCAACTCAGGGT 821
Db 17 CTGCTCAATCAGGGT 1

RESULT 283
AX475339/c
LOCUS AX475339 17 bp DNA linear PAT 12-AUG-2002
DEFINITION Sequence 560 from Patent WO224750.
ACCESSION AX475339
VERSION AX475339.1 GI:22214624
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
REFERENCE
AUTHORS Shannon, M.
TITLE Human posh-like protein 1
JOURNAL Patent: Ep 1239051-A 45 11-SEP-2002;
Aeomica, Inc. (US)
FEATURES
source Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 775 CTGAGGCGCCCTCTCTG 793
Db 17 GACAGCAGCCCTCTAG 1

RESULT 285
AX530536/c
LOCUS AX530536 17 bp DNA linear PAT 22-NOV-2002
DEFINITION Sequence 45 from Patent EP1239051.
ACCESSION AX530536
VERSION AX530536.1 GI:25252449
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
REFERENCE
AUTHORS Shannon, M.
TITLE Human posh-like protein 1
JOURNAL Patent: Ep 1239051-A 45 11-SEP-2002;
Aeomica, Inc. (US)
FEATURES
source Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 777 GAGGCGAGCCCTCTCTG 793
Db 17 GACAGCAGCCCTCTAG 1

RESULT 286
AX530536/c
LOCUS AX530536 17 bp DNA linear PAT 22-NOV-2002
DEFINITION Sequence 45 from Patent EP1239051.
ACCESSION AX530536
VERSION AX530536.1 GI:25252449
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
REFERENCE
AUTHORS Shannon, M.
TITLE Human posh-like protein 1
JOURNAL Patent: Ep 1239051-A 45 11-SEP-2002;
Aeomica, Inc. (US)
FEATURES
source Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
Best Local Similarity 3.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 783 AGCCCTCTGCTGCTGCAA 799
Db 17 AGCGCGCTGCTGCTGCAA 1

RESULT 286
AX531205
LOCUS AX531205 17 bp DNA linear PAT 22-NOV-2002
DEFINITION Sequence 714 from Patent EP1239051.
ACCESSION AX531205
VERSION AX531205.1 GI:25254203
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Shannon,M.
AUTHORS Human posh-like protein 1
TITLE
JOURNAL Patent: EP 1239051-A 714 11-SEP-2002;
Aeomica, Inc. (US)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
Best Local Similarity 3.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 836 TTCTTCTCTGAAGACAG 852
Db 1 TCCTTCTCTCGGAGACAG 17

RESULT 287
AX531208
LOCUS AX531208 17 bp DNA linear PAT 22-NOV-2002
DEFINITION Sequence 717 from Patent EP1239051.
ACCESSION AX531208
VERSION AX531208.1 GI:25254209
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Shannon,M.
AUTHORS Human posh-like protein 1
TITLE
JOURNAL Patent: EP 1239051-A 717 11-SEP-2002;
Aeomica, Inc. (US)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
Best Local Similarity 3.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 839 TTCTCTGAAGACAGCGT 855
Db 1 TTCTCTGAAGACAGCGT 17

RESULT 288
AX531518/c
LOCUS AX531518 17 bp DNA linear PAT 22-NOV-2002
DEFINITION Sequence 1027 from Patent EP1239051.
ACCESSION AX531518
VERSION AX531518.1 GI:25254808
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Shannon,M.
AUTHORS Human posh-like protein 1
TITLE
JOURNAL Patent: EP 1239051-A 1027 11-SEP-2002;
Aeomica, Inc. (US)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
Best Local Similarity 3.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 831 CTCCTTTCTCTCTCTGAA 847
Db 17 CTCTGTTCTCTCTCTAAA 1

RESULT 289
AX531603
LOCUS AX531603 17 bp DNA linear PAT 22-NOV-2002
DEFINITION Sequence 1112 from Patent EP1239051.
ACCESSION AX531603
VERSION AX531603.1 GI:25254996
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Shannon,M.
AUTHORS Human posh-like protein 1
TITLE
JOURNAL Patent: EP 1239051-A 1112 11-SEP-2002;
Aeomica, Inc. (US)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
Best Local Similarity 3.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 740 CTTGCTAGGCTCCGAGG 756
Db 1 CTCGCTAGGCTCCGAGG 17

RESULT 290
AX531862
LOCUS AX531862 17 bp DNA linear PAT 22-NOV-2002
DEFINITION Sequence 1371 from Patent EP1239051.
ACCESSION AX531862
VERSION AX531862.1 GI:25255499
KEYWORDS
SOURCE Homo sapiens (human)
```

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ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1
REFERENCE
AUTHORS Shannon,M.
TITLE Human posh-like protein 1
JOURNAL Patent: EP 1239051-A 1371 11-SEP-2002;
Aeomica, Inc. (US)
FEATURES
source
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Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 613 TCAGTCTGCTGCTGCTCC 629
Db 1 TCAGTCTGCTGCTGCTCC 17

RESULT 291
AX532378
LOCUS AX532378 17 bp DNA linear PAT 22-NOV-2002
DEFINITION Sequence 1887 from Patent EP1239051.
ACCESSION AX532378
VERSION AX532378.1 GI:25256533
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1
REFERENCE
AUTHORS Shannon,M.
TITLE Human posh-like protein 1
JOURNAL Patent: EP 1239051-A 1887 11-SEP-2002;
Aeomica, Inc. (US)
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Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 752 CCAGGTCCTGCTGCTCC 768
Db 1 CCAGTCTGCTGCTGCTCC 17

RESULT 292
AX532379
LOCUS AX532379 17 bp DNA linear PAT 22-NOV-2002
DEFINITION Sequence 1888 from Patent EP1239051.
ACCESSION AX532379
VERSION AX532379.1 GI:25256535
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1
REFERENCE
AUTHORS Shannon,M.
TITLE Human posh-like protein 1
JOURNAL Patent: EP 1239051-A 1888 11-SEP-2002;
Aeomica, Inc. (US)
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Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 753 CAGGGTCCTGAGGCTCC 769
Db 1 CATGGTCCTTCGGCTCC 17

RESULT 293
AX532416/c
LOCUS AX532416 17 bp DNA linear PAT 22-NOV-2002
DEFINITION Sequence 1925 from Patent EP1239051.
ACCESSION AX532416
VERSION AX532416.1 GI:25256607
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1
REFERENCE
AUTHORS Shannon,M.
TITLE Human posh-like protein 1
JOURNAL Patent: EP 1239051-A 1925 11-SEP-2002;
Aeomica, Inc. (US)
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Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 777 GAGGCGAGCCCTCTGG 793
Db 17 GAGGGATCCCTCTGG 1

RESULT 294
AX578660
LOCUS AX578660 17 bp RNA linear PAT 10-JAN-2003
DEFINITION Sequence 498 from Patent WO0211674.
ACCESSION AX578660
VERSION AX578660.1 GI:27647862
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1
REFERENCE
AUTHORS Thompson,J., Mcswiggen,J., Mckenzie,T., Ayers,D., Szymkowski,D.E.
and Grupe,A.
TITLE Method and reagent for the inhibition of calcium activated chloride
channel-1 (clca-1)
JOURNAL Patent: WO 0211674-A 498 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
Thompson, James (US)
FEATURES
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/organism="Homo sapiens"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 537 CCTGCTCCTAGGCT 553
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Db 1 CGTCTGCTCCTTGTCTC 17
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RESULT 295
AX634629
LOCUS AX634629 17 bp RNA linear PAT 21-FEB-2003
DEFINITION Sequence 1768 from Patent EP1260586.
ACCESSION AX634629
VERSION AX634629.1 GI:28470243
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1 Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A.,
Karpelisky,A., Draper,K.G., Kisch,K., Matulic-Adamic,J.,
McSwiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Wolff,T.
TITLE Method and reagent for inhibiting the expression of disease related
genes
JOURNAL
PATENT: EP 1260586-A 1768 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
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Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 540 CTGCTCCTAGGCTCC 556
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Db 1 CTGCTCGTAGACCTCTC 17

RESULT 296
AX634719
LOCUS AX634719 17 bp RNA linear PAT 21-FEB-2003
DEFINITION Sequence 1858 from Patent EP1260586.
ACCESSION AX634719
VERSION AX634719.1 GI:28470333
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1 Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A.,
Karpelisky,A., Draper,K.G., Kisch,K., Matulic-Adamic,J.,
McSwiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Wolff,T.
TITLE Method and reagent for inhibiting the expression of disease related
genes
JOURNAL
PATENT: EP 1260586-A 1858 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
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Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 540 CTGCTCCTAGGCTCC 556
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Db 1 CTGCTCGTAGACCTCTC 17

RESULT 297
AX634804
LOCUS AX634804 17 bp RNA linear PAT 21-FEB-2003
DEFINITION Sequence 1943 from Patent EP1260586.
ACCESSION AX634804
VERSION AX634804.1 GI:28470418
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1 Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A.,
Karpelisky,A., Draper,K.G., Kisch,K., Matulic-Adamic,J.,
McSwiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Wolff,T.
TITLE Method and reagent for inhibiting the expression of disease related
genes
JOURNAL
PATENT: EP 1260586-A 1943 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
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Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 540 CTGCTCCTAGGCTCC 556
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Db 1 CTGCTCGTAGACCTCTC 17

RESULT 298
AX672664
LOCUS AX672664 17 bp DNA linear PAT 27-MAR-2003
DEFINITION Sequence 1109 from Patent WO03004526.
ACCESSION AX672664
VERSION AX672664.1 GI:29331012
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1 Homo sapiens (human)
TITLE Homo sapiens
JOURNAL
PATENT: WO 03004526-A 1109 16-JAN-2003;
Molecular Engines Laboratories (FR)
FEATURES
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Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 884 GATGCCTTACTTCTCA 900
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Db 1 GATGCCTTACTTCTTA 17

RESULT 299
AX673264
LOCUS AX673264 17 bp DNA linear PAT 27-MAR-2003
DEFINITION Sequence 1709 from Patent WO03004526.
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ACCESSION AX673264
VERSION AX673264.1 GI:29331612
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and their use as
medicines
JOURNAL Patent: WO 03004526-A 1709 16-JAN-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
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/db_xref="taxon:9606"
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Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 638 GCTCCTAAGTCACAGAC 654 17 bp DNA linear PAT 27-MAR-2003
Db 1 GATCCTAAGCCATAGAC 17
RESULT 300
AX674580
LOCUS AX674580 17 bp DNA linear PAT 27-MAR-2003
DEFINITION Sequence 3025 from Patent WO03004526.
ACCESSION AX674580
VERSION AX674580.1 GI:29332928
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and their use as
medicines
JOURNAL Patent: WO 03004526-A 3025 16-JAN-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
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Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 586 GTTCTGTTTCTTACAA 602 17 bp DNA linear PAT 31-MAR-2003
Db 1 GATCTGTTTCTTATAA 17
RESULT 301
AX687771/c
LOCUS AX687771 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 503 from Patent EP1281758.
ACCESSION AX687771
VERSION AX687771.1 GI:29410467
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and their use as
medicines
JOURNAL Patent: WO 03004526-A 3025 16-JAN-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
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Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 586 GTTCTGTTTCTTACAA 602 17 bp DNA linear PAT 08-MAY-2003
Db 1 GATCTGTTTCTTATAA 17
RESULT 303
AX735549/c
LOCUS AX735549 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 1139 from Patent WO03025177.
ACCESSION AX735549
VERSION AX735549.1 GI:30514826
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 1139 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers

REFERENCE 1
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
JOURNAL Patent: EP 1281758-A 503 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES Location/Qualifiers
source
1. .17
/organism="Homo sapiens"
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/db_xref="taxon:9606"
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Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 760 CCTAGGCTCCACTTCT 776 17 bp DNA linear PAT 08-MAY-2003
Db 17 CCTGGGCTCCAGTGCT 1
RESULT 302
AX726128
LOCUS AX726128 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 3815 from Patent WO03025176.
ACCESSION AX726128
VERSION AX726128.1 GI:30505471
KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM
REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
JOURNAL Patent: WO 03025176-A 3815 27-MAR-2003;
Molecular Engines Laboratories (FR)
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/db_xref="taxon:10090"
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Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 756 GGTCCCTAGGCTCCAC 772 17 bp DNA linear PAT 08-MAY-2003
Db 1 GATCCATGGGCTCCAC 17
RESULT 303
AX735549/c
LOCUS AX735549 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 1139 from Patent WO03025177.
ACCESSION AX735549
VERSION AX735549.1 GI:30514826
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 1139 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers

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  Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 638 GCTCCTAAGTCACAGAC 654
Db 1 GATCCTAAGCCATAGAC 17

RESULT 313
AX762592
LOCUS AX762592 17 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 5913 from Patent WO03040369.
ACCESSION AX762592
VERSION AX762592.1 GI:32257208
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
  1. Telerman, A., Amson, R. and Tuijinder, M.
  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
  Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
AUTHORS
TITLE Sequences involved in tumoral suppression, tumoral reversion,
  apoptosis and/or viral resistance phenomena and their use as
  medicines
JOURNAL Patent; WO 03040369-A 5913 15-MAY-2003;
  Molecular Engines Laboratories (FR)
FEATURES
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  Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 586 GTCTCGTTTCTCTACAA 602
Db 1 GATCCTGTTTCTCTTAA 17

RESULT 314
AX762740
LOCUS AX762740 17 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 6061 from Patent WO03040369.
ACCESSION AX762740
VERSION AX762740.1 GI:32257356
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
  1. Telerman, A., Amson, R. and Tuijinder, M.
  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
  Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
AUTHORS
TITLE Sequences involved in tumoral suppression, tumoral reversion,
  apoptosis and/or viral resistance phenomena and their use as
  medicines
JOURNAL Patent; WO 03040369-A 6061 15-MAY-2003;
  Molecular Engines Laboratories (FR)
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  Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
  Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 586 GTCTCGTTTCTCTACAA 602
Db 1 GATCCTGTTTCTCTTAA 17

RESULT 317
AX781921/c
LOCUS AX781921 17 bp DNA linear PAT 17-JUL-2003
DEFINITION Sequence 252 from Patent WO03050284.
ACCESSION AX781921
VERSION AX781921.1 GI:32949755
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
  1. Guo, J.
  Human prostate cancer candidate protein 1
  Patent: WO 03050284-A 252 19-JUN-2003;
  Amersham Biosciences (SV) Corp. (US)
  Location/Qualifiers
    1. 17
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      /mol_type="unassigned DNA"
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Query Match
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  Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 564 CTCCTCCAGACCAAGA 580
Db 17 CTCCTCACAGTGCAAGA 1

RESULT 317
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ACCESSION AR029959
VERSION AR029959.1 GI:5943173
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 12)
AUTHORS Wang, C.-G. and Hepburn, A.G.
TITLE Genetic sequence assay using DNA triple strand formation
JOURNAL Patent: US 5861244-A 148 19-JAN-1999;
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            /mol_type="unassigned DNA"

Query Match 3.0%; Score 12; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 831 CTCCTTTCTCTCT 842
Db 1 CTCCTTTCTCTCT 12

RESULT 321
AR030082/c
LOCUS AR030082 13 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 271 from patent US 5861244.
ACCESSION AR030082
VERSION AR030082.1 GI:5943296
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 13)
AUTHORS Wang, C.-G. and Hepburn, A.G.
TITLE Genetic sequence assay using DNA triple strand formation
JOURNAL Patent: US 5861244-A 271 19-JAN-1999;
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Query Match 3.0%; Score 12; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 833 CTCCTTTCTCTCT 844
Db 12 CTCCTTTCTCTCT 1

RESULT 322
AR192993
LOCUS AR192993 15 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 8481 from patent US 6346398.
ACCESSION AR192993
VERSION AR192993.1 GI:20238958
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Pavco, P., McSwiggen, J., Stinchcomb, D., and Escobedo, J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 8481 12-FEB-2002;
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Query Match 3.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 830 GAGCTCTCTCTCC 811
Db 1 GAGCTCTCTCTCC 12

RESULT 323
AR326734
LOCUS AR326734 15 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 4136 from patent US 6566127.
ACCESSION AR326734
VERSION AR326734.1 GI:33712542
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Pavco, P., McSwiggen, J.A., Stinchcomb, D.T., and Escobedo, J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 4136 20-MAY-2003;
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Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 800 GAGCTCTCTCTCC 811
Db 1 GAGCTCTCTCTCC 12

RESULT 324
AR374617
LOCUS AR374617 15 bp DNA linear PAT 01-MAR-2002
DEFINITION Sequence 38 from Patent WO0210454.
ACCESSION AR374617
VERSION AR374617.1 GI:19169514
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Choi, J.Y., Koshy, B., Kiem, S. and Stephens, J.C.
TITLE Haplotypes of the alas2 gene
JOURNAL Patent: WO 0210454-A 38 07-FEB-2002;
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            /mol_type="unassigned DNA"
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Query Match 3.0%; Score 12; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.6e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 779 GGGCAGCCCTCTG 792
Db 2 GGGCAGCCCTCTG 15

RESULT 325
BD208796
LOCUS BD208796 15 bp RNA linear PAT 17-JUL-2003
DEFINITION Enzymatic nucleic acid treatment of diseases or conditions related to hepatitis C virus infection.
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ACCESSION BD208796
VERSION BD208796.1 GI:33018566
KEYWORDS JP 2002512791-A/2386.
SOURCE unidentified
ORGANISM source
REFERENCE 1 (bases 1 to 15)
AUTHORS Blatt,L., McSwiggen,J.A., Roberts,E., Pavco,P.A. and Macejak,D.
TITLE Enzymatic nucleic acid treatment of diseases or conditions related
        to hepatitis C virus infection
JOURNAL Patent: JP 2002512791-A 2386 08-MAY-2002;
        RIBOZYME PHARMACEUTICALS INC
COMMENT OS Hepatitis virus (hepatitis C virus)
        EN JP 2002512791-A/2386
        PD 08-MAY-2002
        PF 26-APR-1999 JP 2000545991
        PR 27-APR-1998 US 60/083217,18-SEP-1998 US 60/100842 PR
        25-FEB-1999 US 09/257608,23-MAR-1999 US 09/274553 PI
        LAWRENCE BLATT, JAMES A MCSWIGGEN, ELISABETH ROBERTS, PAMELA A PI
        PAVCO,
        PI DENNIS MACEJAK
        PC C12N9/00,A61K31/7105,A61K38/21,A61K48/00,A61P31/12,C12N15/09,
        PC A61K37/66,
        PC C12N15/00
        CC Enzymatic nucleic acid treatment of diseases or conditions CC
        related to
        CC hepatitis C virus infection.
        FH Key Location/Qualifiers
        FT source 1..15
        FT /organism='Hepatitis virus (hepatitis C FT
        FT virus)',
        FT Location/Qualifiers
        FT 1..15
        FT /organism='unidentified'
        FT /mol_type='genomic RNA'
        FT /db_xref='taxon:32644'

Query Match 3.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 856 CTTGGCTCCAGT 867
    |||||
Db 1 CTTGGCTCCAGT 12

RESULT 326
I37442/c
LOCUS 137442
DEFINITION Sequence 455 from patent US 5612215.
ACCESSION I37442
VERSION I37442.1 GI:2085402
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Draper,K.G., Pavco,P., McSwiggen,J., Gustofson,J. and
        Stinchcomb,D.T.
TITLE Stromelysin targeted ribozymes
JOURNAL Patent: US 5612215-A 455 18-MAR-1997;
        Location/Qualifiers
FEATURES
    source 1..17
    /organism='unknown'
    /mol_type='unassigned DNA'

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 565 TCCTCCAGACC 576
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Db 17 TCCTCCAGACC 6

ACCESSION BD208796
VERSION BD208796.1 GI:33018566
KEYWORDS JP 2002512791-A/2386.
SOURCE unidentified
ORGANISM source
REFERENCE 1 (bases 1 to 15)
AUTHORS Blatt,L., McSwiggen,J.A., Roberts,E., Pavco,P.A. and Macejak,D.
TITLE Enzymatic nucleic acid treatment of diseases or conditions related
        to hepatitis C virus infection
JOURNAL Patent: JP 2002512791-A 2386 08-MAY-2002;
        RIBOZYME PHARMACEUTICALS INC
COMMENT OS Hepatitis virus (hepatitis C virus)
        EN JP 2002512791-A/2386
        PD 08-MAY-2002
        PF 26-APR-1999 JP 2000545991
        PR 27-APR-1998 US 60/083217,18-SEP-1998 US 60/100842 PR
        25-FEB-1999 US 09/257608,23-MAR-1999 US 09/274553 PI
        LAWRENCE BLATT, JAMES A MCSWIGGEN, ELISABETH ROBERTS, PAMELA A PI
        PAVCO,
        PI DENNIS MACEJAK
        PC C12N9/00,A61K31/7105,A61K38/21,A61K48/00,A61P31/12,C12N15/09,
        PC A61K37/66,
        PC C12N15/00
        CC Enzymatic nucleic acid treatment of diseases or conditions CC
        related to
        CC hepatitis C virus infection.
        FH Key Location/Qualifiers
        FT source 1..15
        FT /organism='Hepatitis virus (hepatitis C FT
        FT virus)',
        FT Location/Qualifiers
        FT 1..15
        FT /organism='unidentified'
        FT /mol_type='genomic RNA'
        FT /db_xref='taxon:32644'

Query Match 3.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 856 CTTGGCTCCAGT 867
    |||||
Db 1 CTTGGCTCCAGT 12

RESULT 326
I37442/c
LOCUS 137442
DEFINITION Sequence 455 from patent US 5612215.
ACCESSION I37442
VERSION I37442.1 GI:2085402
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Draper,K.G., Pavco,P., McSwiggen,J., Gustofson,J. and
        Stinchcomb,D.T.
TITLE Stromelysin targeted ribozymes
JOURNAL Patent: US 5612215-A 455 18-MAR-1997;
        Location/Qualifiers
FEATURES
    source 1..17
    /organism='unknown'
    /mol_type='unassigned DNA'

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 565 TCCTCCAGACC 576
    |||||
Db 17 TCCTCCAGACC 6
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RESULT 327
I94292/c
LOCUS 194292
DEFINITION Sequence 455 from patent US 5731295.
ACCESSION I94292
VERSION I94292.1 GI:3938762
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Draper,K.G., Pavco,P., McSwiggen,J., Gustofson,J. and
        Stinchcomb,D.T.
TITLE Method of reducing stromelysin RNA via ribozymes
JOURNAL Patent: US 5731295-A 455 24-MAR-1998;
        Location/Qualifiers
FEATURES
    source 1..17
    /organism='unknown'
    /mol_type='unassigned DNA'

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 565 TCCTCCAGACC 576
    |||||
Db 17 TCCTCCAGACC 6

RESULT 328
AR188876
LOCUS 188876
DEFINITION Sequence 4364 from patent US 6346398.
ACCESSION AR188876
VERSION AR188876.1 GI:20234841
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions
        related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 4364 12-FEB-2002;
        Location/Qualifiers
FEATURES
    source 1..17
    /organism='unknown'
    /mol_type='unassigned DNA'

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 800 GAGCTCTCTCTCC 811
    |||||
Db 4 GAGCTCTCTCTCC 15

RESULT 329
AR188877
LOCUS 188877
DEFINITION Sequence 4365 from patent US 6346398.
ACCESSION AR188877
VERSION AR188877.1 GI:20234842
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions
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related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 4365 12-FEB-2002;

JOURNAL
FEATURES
source
Location/Qualifiers
1. .17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 800 GAGCTCTCTCTCC 811
|||||
Db 2 GAGCTCTCTCTCC 13

RESULT 330
AR324729
LOCUS 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 2131 from patent US 6566127.
ACCESSION AR324729
VERSION AR324729.1 GI:33710537

KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 2131 20-MAY-2003;
FEATURES Location/Qualifiers
source 1. .17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 800 GAGCTCTCTCTCC 811
|||||
Db 4 GAGCTCTCTCTCC 15

RESULT 331
AR324730
LOCUS 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 2132 from patent US 6566127.
ACCESSION AR324730
VERSION AR324730.1 GI:33710538

KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 2132 20-MAY-2003;
FEATURES Location/Qualifiers
source 1. .17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 800 GAGCTCTCTCTCC 811
|||||
Db 2 GAGCTCTCTCTCC 13

RESULT 332
AR329517
LOCUS 17 bp RNA linear PAT 17-AUG-2003

DEFINITION Sequence 6919 from patent US 6566127.
ACCESSION AR329517
VERSION AR329517.1 GI:33715325

KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 6919 20-MAY-2003;
FEATURES Location/Qualifiers
source 1. .17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 800 GAGCTCTCTCTCC 811
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Db 5 GAGCTCTCTCTCC 16

RESULT 333
AR329518
LOCUS 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 6920 from patent US 6566127.
ACCESSION AR329518
VERSION AR329518.1 GI:33715326

KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 6920 20-MAY-2003;
FEATURES Location/Qualifiers
source 1. .17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 800 GAGCTCTCTCTCC 811
|||||
Db 3 GAGCTCTCTCTCC 14

RESULT 334
AR329519
LOCUS 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 6921 from patent US 6566127.
ACCESSION AR329519
VERSION AR329519.1 GI:33715327

KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor

JOURNAL Patent: US 6566127-A 6921 20-MAY-2003;
FEATURES Location/Qualifiers
source
1..17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 800 GAGCTCTCTCTCC 811
Db 1 GAGCTCTCTCTCC 12

RESULT 335
LOCUS AR400946/c
DEFINITION Sequence 18 from patent US 6623920.
ACCESSION AR400946
VERSION AR400946.1 GI:40148238
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Bee,G.G., Yang,Y.Y., Kolk,D., Giachetti,C. and McDonough,S.H.
TITLE Detection of HIV-1 by nucleic acid amplification
JOURNAL Patent: US 6623920-A 18 23-SEP-2003;
FEATURES Location/Qualifiers
source
1..17
/organism="unknown"
/mol_type="genomic DNA"

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 694 ACTGTACCTCTCCA 706
Db 17 ACTGTACCCGCCA 5

RESULT 336
LOCUS AX074105/c
DEFINITION Sequence 18 from Patent WO0104361.
ACCESSION AX074105
VERSION AX074105.1 GI:12710317
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
AUTHORS Bee,G.G., Yang,Y.Y., Kolk,D.P., Giachetti,C. and McDonough,S.H.
TITLE Detection of hiv-1 by nucleic acid amplification
JOURNAL Patent: WO 0104361-A 18 18-JAN-2001.
Gen-Probe Incorporated (US); Bee, Gary G. (US); Yang, Yeasing Y. (US); Kolk, Dan P. (US); Giachetti, Cristina (US); McDonough, Sherrol Hoffa (US)
FEATURES Location/Qualifiers
source
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="synthetic oligomer probe"
modified_base 8
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Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 694 ACTGTACCTCTCCA 706
Db 17 ACTGTACCCGCCA 5

RESULT 337
LOCUS AX227688/c
DEFINITION Sequence 1060 from Patent WO0157206.
ACCESSION AX227688
VERSION AX227688.1 GI:15556829
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
AUTHORS Fattaey,A.R., Jarvis,T., Mcswiggen,J., Bocher,R.N. and Holman,P.S.
TITLE Method and reagent for the inhibition of checkpoint kinase-1 (chk 1) enzyme
JOURNAL Patent: WO 0157206-A 1060 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Fattaey, Ali R. (US)
FEATURES Location/Qualifiers
source
1..17
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 801 AGCTCTCTCTCCA 812
Db 16 AGCTCTCTCTCCA 5

RESULT 338
LOCUS AX263492/c
DEFINITION Sequence 883 from Patent WO0173002.
ACCESSION AX263492
VERSION AX263492.1 GI:16512291
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Kmiec,E.B., Gamper,H.B. and Rice,M.C.
TITLE Targeted chromosomal genomic alterations with modified single stranded oligonucleotides
JOURNAL Patent: WO 0173002-A 883 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
FEATURES Location/Qualifiers
source
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 877 TTCTCTGAGATGC 888
Db 14 TTCTCTGAGATGC 3

RESULT 339
LOCUS AX263493
DEFINITION Sequence 884 from Patent WO0173002.
ACCESSION AX263493

JOURNAL Patent: US 6566127-A 6921 20-MAY-2003;
FEATURES Location/Qualifiers
source
1..17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 800 GAGCTCTCTCTCC 811
Db 1 GAGCTCTCTCTCC 12

RESULT 335
LOCUS AR400946/c
DEFINITION Sequence 18 from patent US 6623920.
ACCESSION AR400946
VERSION AR400946.1 GI:40148238
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Bee,G.G., Yang,Y.Y., Kolk,D., Giachetti,C. and McDonough,S.H.
TITLE Detection of HIV-1 by nucleic acid amplification
JOURNAL Patent: US 6623920-A 18 23-SEP-2003;
FEATURES Location/Qualifiers
source
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/organism="unknown"
/mol_type="genomic DNA"

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 694 ACTGTACCTCTCCA 706
Db 17 ACTGTACCCGCCA 5

RESULT 336
LOCUS AX074105/c
DEFINITION Sequence 18 from Patent WO0104361.
ACCESSION AX074105
VERSION AX074105.1 GI:12710317
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
AUTHORS Bee,G.G., Yang,Y.Y., Kolk,D.P., Giachetti,C. and McDonough,S.H.
TITLE Detection of hiv-1 by nucleic acid amplification
JOURNAL Patent: WO 0104361-A 18 18-JAN-2001.
Gen-Probe Incorporated (US); Bee, Gary G. (US); Yang, Yeasing Y. (US); Kolk, Dan P. (US); Giachetti, Cristina (US); McDonough, Sherrol Hoffa (US)
FEATURES Location/Qualifiers
source
1..17
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="synthetic oligomer probe"
modified_base 8
/mod_base=1

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 694 ACTGTACCTCTCCA 706
Db 17 ACTGTACCCGCCA 5

RESULT 337
LOCUS AX227688/c
DEFINITION Sequence 1060 from Patent WO0157206.
ACCESSION AX227688
VERSION AX227688.1 GI:15556829
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
AUTHORS Fattaey,A.R., Jarvis,T., Mcswiggen,J., Bocher,R.N. and Holman,P.S.
TITLE Method and reagent for the inhibition of checkpoint kinase-1 (chk 1) enzyme
JOURNAL Patent: WO 0157206-A 1060 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Fattaey, Ali R. (US)
FEATURES Location/Qualifiers
source
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/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 801 AGCTCTCTCTCCA 812
Db 16 AGCTCTCTCTCCA 5

RESULT 338
LOCUS AX263492/c
DEFINITION Sequence 883 from Patent WO0173002.
ACCESSION AX263492
VERSION AX263492.1 GI:16512291
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Kmiec,E.B., Gamper,H.B. and Rice,M.C.
TITLE Targeted chromosomal genomic alterations with modified single stranded oligonucleotides
JOURNAL Patent: WO 0173002-A 883 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
FEATURES Location/Qualifiers
source
1..17
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 877 TTCTCTGAGATGC 888
Db 14 TTCTCTGAGATGC 3

RESULT 339
LOCUS AX263493
DEFINITION Sequence 884 from Patent WO0173002.
ACCESSION AX263493

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AX263493.1 GI:16512292					
VERSION	Homo sapiens (human)				
KEYWORDS	Homo sapiens				
SOURCE	Homo sapiens				
ORGANISM	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.				
REFERENCE	Kniec,B.B., Gamper,H.B. and Rice,M.C.				
AUTHORS	Targeted chromosomal genomic alterations with modified single stranded oligonucleotides				
TITLE	Patent: WO 0173002-A 884 04-OCT-2001;				
JOURNAL	UNIVERSITY OF DELAWARE (US)				
FEATURES	Location/Qualifiers				
source	1..17				
	/organism="Homo sapiens"				
	/mol_type="unassigned DNA"				
	/db_xref="taxon:10090"				
Query Match	3.0%; Score 12; DB 1; Length 17;				
Best Local Similarity	100.0%; Pred. No. 1.9e+02;				
Matches	12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;				
QY	877 TTTCCTGAGATGC 888				
Db					
	4 TTTCCTGAGATGC 15				
RESULT 340					
LOCUS	AX726082 17 bp DNA linear PAT 08-MAY-2003				
DEFINITION	Sequence 3769 from Patent WO03025176.				
ACCESSION	AX726082				
VERSION	AX726082.1 GI:30505425				
KEYWORDS	Mus musculus (house mouse)				
SOURCE	Mus musculus				
ORGANISM	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.				
REFERENCE	Telerman,A., Amson,R. and Tuijinder,M.				
AUTHORS	Sequences involved in phenomena of tumour suppression, tumour				
TITLE	reversion, apoptosis and/or virus resistance and their use as medicines				
JOURNAL	Patent: WO 03025176-A 3769 27-MAR-2003;				
FEATURES	Molecular Engines Laboratories (FR)				
source	1..17				
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	/mol_type="unassigned DNA"				
	/db_xref="taxon:10090"				
Query Match	3.0%; Score 12; DB 1; Length 17;				
Best Local Similarity	100.0%; Pred. No. 1.9e+02;				
Matches	12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;				
QY	581 CTTTGTCTGT 592				
Db					
	6 CTTTGTCTGT 17				
RESULT 341					
LOCUS	AX728171 17 bp DNA linear PAT 08-MAY-2003				
DEFINITION	Sequence 5858 from Patent WO03025176.				
ACCESSION	AX728171				
VERSION	AX728171.1 GI:30507514				
KEYWORDS	Mus musculus (house mouse)				
SOURCE	Mus musculus				
ORGANISM	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.				
REFERENCE	Telerman,A., Amson,R. and Tuijinder,M.				
AUTHORS	Sequences involved in phenomena of tumour suppression, tumour				
TITLE	reversion, apoptosis and/or virus resistance and their use as medicines				
JOURNAL	Patent: WO 03025175-A 687 27-MAR-2003;				
FEATURES	Molecular Engines Laboratories (FR)				
source	1..17				
	/organism="Homo sapiens"				
	/mol_type="unassigned DNA"				
	/db_xref="taxon:10090"				
Query Match	3.0%; Score 12; DB 1; Length 17;				
Best Local Similarity	100.0%; Pred. No. 1.9e+02;				
Matches	12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;				
QY	622 CTGGTTCTCTGAG 633				
Db					
	4 CTGGTTCTCTGAG 15				
RESULT 342					
LOCUS	AX728663 17 bp DNA linear PAT 08-MAY-2003				
DEFINITION	Sequence 297 from Patent WO03025175.				
ACCESSION	AX728663				
VERSION	AX728663.1 GI:30508006				
KEYWORDS	Homo sapiens (human)				
SOURCE	Homo sapiens				
ORGANISM	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.				
REFERENCE	Telerman,A., Amson,R. and Tuijinder,M.				
AUTHORS	Sequences involved in phenomena of tumour suppression, tumour				
TITLE	reversion, apoptosis and/or virus resistance and their use as medicines				
JOURNAL	Patent: WO 03025175-A 297 27-MAR-2003;				
FEATURES	Molecular Engines Laboratories (FR)				
source	1..17				
	/organism="Homo sapiens"				
	/mol_type="unassigned DNA"				
	/db_xref="taxon:9606"				
Query Match	3.0%; Score 12; DB 1; Length 17;				
Best Local Similarity	100.0%; Pred. No. 1.9e+02;				
Matches	12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;				
QY	830 TCTCTTTCTTC 841				
Db					
	3 TCTCTTTCTTC 14				
RESULT 343					
LOCUS	AX729053 17 bp DNA linear PAT 08-MAY-2003				
DEFINITION	Sequence 687 from Patent WO03025175.				
ACCESSION	AX729053				
VERSION	AX729053.1 GI:30508396				
KEYWORDS	Homo sapiens (human)				
SOURCE	Homo sapiens				
ORGANISM	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.				
REFERENCE	Telerman,A., Amson,R. and Tuijinder,M.				
AUTHORS	Sequences involved in phenomena of tumour suppression, tumour				
TITLE	reversion, apoptosis and/or virus resistance and their use as medicines				
JOURNAL	Patent: WO 03025175-A 687 27-MAR-2003;				
FEATURES	Molecular Engines Laboratories (FR)				
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Query Match	3.0%; Score 12; DB 1; Length 17;				
Best Local Similarity	100.0%; Pred. No. 1.9e+02;				
Matches	12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;				
QY	581 CTTTGTCTGT 592				
Db					

schultz149-3.rge

Mon Mar 8 14:22:23 2004

Db 15 TGGAGGATCCCCAGG 1

RESULT 346

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

1. 15

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Query Match

Best Local Similarity

Matches

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0; Gaps

0; Length

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QY

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780

Db

1

CCTCCACTTCTGAGG

15

RESULT 347

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

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ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

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Query Match

Best Local Similarity

Matches

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0; Mismatches

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Db

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CCTCCACTTCTGAGG

15

RESULT 348

LOCUS

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VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

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Query Match

Best Local Similarity

Matches

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15;

QY

766

CCTCCACTTCTGAGG

780

Db

1

CCTCCACTTCTGAGG

15

RESULT 349

LOCUS

DEFINITION

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VERSION

KEYWORDS

SOURCE

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REFERENCE

AUTHORS

TITLE

JOURNAL

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Query Match

Best Local Similarity

Matches

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0; Mismatches

2; Indels

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QY

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CCTCCACTTCTGAGG

780

Db

1

CCTCCACTTCTGAGG

15

RESULT 350

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

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/mol_type="unassigned DNA"

/db_xref="taxon:32644"

Query Match

Best Local Similarity

Matches

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0; Mismatches

2; Indels

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QY

766

CCTCCACTTCTGAGG

780

Db

1

CCTCCACTTCTGAGG

15

RESULT 351

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

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/mol_type="unassigned DNA"

/db_xref="taxon:32644"

Query Match

Best Local Similarity

Matches

13; Conservative

0; Mismatches

2; Indels

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QY

766

CCTCCACTTCTGAGG

780

Db

1

CCTCCACTTCTGAGG

15

RESULT 352

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

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/db_xref="taxon:32644"

Query Match

Best Local Similarity

Matches

13; Conservative

0; Mismatches

2; Indels

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15;

QY

766

CCTCCACTTCTGAGG

780

Db

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CCTCCACTTCTGAGG

15

RESULT 353

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

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/db_xref="taxon:32644"

Query Match

Best Local Similarity

Matches

13; Conservative

0; Mismatches

2; Indels

0; Gaps

0; Length

15;

QY

766

CCTCCACTTCTGAGG

780

Db

1

CCTCCACTTCTGAGG

15

RESULT 354

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

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REFERENCE 1 (bases 1 to 15)
AUTHORS Brysch,W.D. and Schlingensiepen,K.D.
TITLE An antisense oligonucleotide preparation method
JOURNAL Patent: EP 0856579-A 323 05-AUG-1998;
BIOGOSTIK GES (DE)
FEATURES
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Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 766 CCTCCATTCTGAGG 780
Db 1 CCTCTCTTCAGAGG 15

RESULT 349
LOCUS AR033638 15 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 404 from patent US 5869253.
ACCESSION AR033638
VERSION AR033638.1 GI:5949243
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Draper,K.G.
TITLE Method and reagent for inhibiting hepatitis C virus replication
JOURNAL Patent: US 5869253-A 404 09-FEB-1999;
FEATURES
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        Location/Qualifiers
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                /mol_type="unassigned DNA"
Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 533 ACATCCTCTGCTCCT 547
Db 1 ACAICGTCTGCTGCT 15

RESULT 350
LOCUS AR039092 15 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 22 from patent US 5807732.
ACCESSION AR039092
VERSION AR039092.1 GI:5958455
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Lowe,J.B., Lennon,G., Rouquier,S., Giorgi,D. and Kelly,R.J.
TITLE GDP-L-fucose: .beta.-D-galactoside 2-.alpha.-L-fucosyltransferases,
DNA sequences encoding the same, method for producing the same and
a method of genotyping a person
JOURNAL Patent: US 5807732-A 22 15-SEP-1998;
FEATURES
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Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

REFERENCE 1 (bases 1 to 15)
AUTHORS Brysch,W.D. and Schlingensiepen,K.D.
TITLE An antisense oligonucleotide preparation method
JOURNAL Patent: EP 0856579-A 323 05-AUG-1998;
BIOGOSTIK GES (DE)
FEATURES
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        Location/Qualifiers
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                /mol_type="unassigned DNA"
                /db_xref="taxon:32644"
Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 541 TGCTCTTAGCCCTCC 555
Db 1 TGCTCTTAGACCTTC 15

RESULT 351
LOCUS AR041848 15 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 638 from patent US 5811300.
ACCESSION AR041848
VERSION AR041848.1 GI:5962344
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Sullivan,S., Draper,K., Kisich,K., Stinchcomb,D.T. and McSwiggen,J.
TITLE TNF-.alpha. ribozymes
JOURNAL Patent: US 5811300-A 638 22-SEP-1998;
FEATURES
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        Location/Qualifiers
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                /mol_type="unassigned DNA"
Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 604 ACAGAGTACTGACTC 618
Db 15 ACAGAGCAATGACTC 1

RESULT 352
LOCUS AR056193 15 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 397 from patent US 5837542.
ACCESSION AR056193
VERSION AR056193.1 GI:5981770
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
Draper,K.G.
TITLE Intercellular adhesion molecule-1 (ICAM-1) ribozymes
JOURNAL Patent: US 5837542-A 397 17-NOV-1998;
FEATURES
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        Location/Qualifiers
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Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 538 CTCCTGCTCTAGGCC 552
Db 1 CTCCTGCTCTAGGCC 15

RESULT 353
LOCUS AR056195 15 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 399 from patent US 5837542.
ACCESSION AR056195
VERSION AR056195.1 GI:5981772
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)
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Mon Mar 8 14:22:23 2004

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AUTHORS      Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
              Draper,K.G.
TITLE        Intercellular adhesion molecule-1 (ICAM-1) ribozymes
JOURNAL      Patent: US 5837542-A 399 17-NOV-1998;
FEATURES     Location/Qualifiers
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              /organism="unknown"
              /mol_type="unassigned DNA"

Query Match      3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      538 CTCTGCTCCTAGGCC 552
Db      1 CTCTGCTCCTAGGCC 15

RESULT 354
AR056198      AR056198      15 bp      DNA      linear      PAT 29-SEP-1999
LOCUS      Sequence 402 from patent US 5837542.
DEFINITION
ACCESSION      AR056198
VERSION      AR056198.1 GI:5981775
KEYWORDS
SOURCE      Unknown.
ORGANISM      Unknown.
REFERENCE      1 (bases 1 to 15)
AUTHORS      Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
              Draper,K.G.
TITLE        Intercellular adhesion molecule-1 (ICAM-1) ribozymes
JOURNAL      Patent: US 5837542-A 402 17-NOV-1998;
FEATURES     Location/Qualifiers
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              /organism="unknown"
              /mol_type="unassigned DNA"

Query Match      3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      538 CTCTGCTCCTAGGCC 552
Db      1 CTCTGCTCCTAGGCC 15

RESULT 355
AR113460      AR113460      15 bp      DNA      linear      PAT 16-MAY-2001
LOCUS      Sequence 404 from patent US 6132966.
DEFINITION
ACCESSION      AR113460
VERSION      AR113460.1 GI:14093782
KEYWORDS
SOURCE      Unknown.
ORGANISM      Unknown.
REFERENCE      1 (bases 1 to 15)
AUTHORS      Draper,K.G.
TITLE        Method and reagent for inhibiting hepatitis C virus replication
JOURNAL      Patent: US 6132966-A 404 17-OCT-2000;
FEATURES     Location/Qualifiers
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Query Match      3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      533 ACATCCCTCTGCTCCT 547
Db      1 ACATCGTCTGCTGCT 15

AUTHORS      Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
              Draper,K.G.
TITLE        Intercellular adhesion molecule-1 (ICAM-1) ribozymes
JOURNAL      Patent: US 5837542-A 399 17-NOV-1998;
FEATURES     Location/Qualifiers
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Query Match      3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      538 CTCTGCTCCTAGGCC 552
Db      1 CTCTGCTCCTAGGCC 15

RESULT 356
AR113951      AR113951      15 bp      DNA      linear      PAT 16-MAY-2001
LOCUS      Sequence 397 from patent US 6132967.
DEFINITION
ACCESSION      AR113951
VERSION      AR113951.1 GI:14094273
KEYWORDS
SOURCE      Unknown.
ORGANISM      Unknown.
REFERENCE      1 (bases 1 to 15)
AUTHORS      Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
              Draper,K.G.
TITLE        Ribozyme treatment of diseases or conditions related to levels of
              intercellular adhesion molecule-1 (ICAM-1)
JOURNAL      Patent: US 6132967-A 397 17-OCT-2000;
FEATURES     Location/Qualifiers
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              /organism="unknown"
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Query Match      3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      538 CTCTGCTCCTAGGCC 552
Db      1 CTCTGCTCCTAGGCC 15

RESULT 357
AR113953      AR113953      15 bp      DNA      linear      PAT 16-MAY-2001
LOCUS      Sequence 399 from patent US 6132967.
DEFINITION
ACCESSION      AR113953
VERSION      AR113953.1 GI:14094275
KEYWORDS
SOURCE      Unknown.
ORGANISM      Unknown.
REFERENCE      1 (bases 1 to 15)
AUTHORS      Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
              Draper,K.G.
TITLE        Ribozyme treatment of diseases or conditions related to levels of
              intercellular adhesion molecule-1 (ICAM-1)
JOURNAL      Patent: US 6132967-A 399 17-OCT-2000;
FEATURES     Location/Qualifiers
              source
              1..15
              /organism="unknown"
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Query Match      3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      538 CTCTGCTCCTAGGCC 552
Db      1 CTCTGCTCCTAGGCC 15

RESULT 358
AR113956      AR113956      15 bp      DNA      linear      PAT 16-MAY-2001
LOCUS      Sequence 402 from patent US 6132967.
DEFINITION
ACCESSION      AR113956
VERSION      AR113956.1 GI:14094278
KEYWORDS
SOURCE      Unknown.
ORGANISM      Unknown.
REFERENCE      1 (bases 1 to 15)
AUTHORS      Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
              Draper,K.G.
TITLE        Ribozyme treatment of diseases or conditions related to levels of
              intercellular adhesion molecule-1 (ICAM-1)
JOURNAL      Patent: US 6132967-A 399 17-OCT-2000;
FEATURES     Location/Qualifiers
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Query Match      3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      538 CTCTGCTCCTAGGCC 552
Db      1 CTCTGCTCCTAGGCC 15

RESULT 359
AR113956      AR113956      15 bp      DNA      linear      PAT 16-MAY-2001
LOCUS      Sequence 402 from patent US 6132967.
DEFINITION
ACCESSION      AR113956
VERSION      AR113956.1 GI:14094278
KEYWORDS
SOURCE      Unknown.
ORGANISM      Unknown.
REFERENCE      1 (bases 1 to 15)
AUTHORS      Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
              Draper,K.G.
TITLE        Ribozyme treatment of diseases or conditions related to levels of
              intercellular adhesion molecule-1 (ICAM-1)
JOURNAL      Patent: US 6132967-A 399 17-OCT-2000;
FEATURES     Location/Qualifiers
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Query Match      3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      538 CTCTGCTCCTAGGCC 552
Db      1 CTCTGCTCCTAGGCC 15
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AUTHORS Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
TITLE Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
JOURNAL Patent: US 6132967-A 402 17-OCT-2000;
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QY 538 CTCTGCTCTCTAGGCC 552
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Db 1 CTCTGCTCTCTGGCCC 15
RESULT 359
LOCUS I57867 15 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 404 from patent US 5610054.
ACCESSION I57867
VERSION I57867.1 GI:2482931
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Draper,K.G.
TITLE Enzymatic RNA molecule targeted against Hepatitis C virus
JOURNAL Patent: US 5610054-A 404 11-MAR-1997;
FEATURES Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"
Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 533 ACATCCTCTGCTCCT 547
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Db 1 ACATCGTCTGCTGCT 15
RESULT 360
LOCUS I61542 15 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 96 from patent US 5658780.
ACCESSION I61542
VERSION I61542.1 GI:2479490
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Stinchcomb,D.T., Draper,K.G. and McSwiggen,J.
TITLE Rel a targeted ribozymes
JOURNAL Patent: US 5658780-A 96 19-AUG-1997;
FEATURES Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"
Query Match 3.0%; Score 11.8; DB 1; Length 15;
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Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 798 AAGAGCTCTCTCCCA 812
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Db 1 AAGACTTCTCTCCCA 15

RESULT 361
LOCUS I61731 15 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 285 from patent US 5658780.
ACCESSION I61731
VERSION I61731.1 GI:2479679
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Stinchcomb,D.T., Draper,K.G. and McSwiggen,J.
TITLE Rel a targeted ribozymes
JOURNAL Patent: US 5658780-A 285 19-AUG-1997;
FEATURES Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"
Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 798 AAGAGCTCTCTCCCA 812
|||||
Db 1 AAGACTTCTCTCCCA 15
RESULT 362
LOCUS AX495997 15 bp DNA linear PAT 26-SEP-2002
DEFINITION Sequence 1762 from Patent WO02059256.
ACCESSION AX495997
VERSION AX495997.1 GI:23341607
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Tuijinder,M., Tellerman,A., Anson,R. and Susini,L.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 02059256-A 1762 01-AUG-2002;
FEATURES MOLECULAR ENGINEERING LAB (FR)
source
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 867 TTGGACACTTTCCT 881
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Db 1 TTGGAAATTTTCCT 15
RESULT 363
LOCUS AX633252 15 bp RNA linear PAT 21-FEB-2003
DEFINITION Sequence 391 from Patent EP1260586.
ACCESSION AX633252
VERSION AX633252.1 GI:28468866
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
unclassified.

REFERENCE
AUTHORS
1 Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A., Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J., Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M., Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and Woolf,T.
TITLE Method and reagent for inhibiting the expression of disease related genes
JOURNAL RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source
1. 15
/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"

Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 538 CTCGTCTCTAGGCC 552
|||||
Db 1 CTCGTCTCTAGGCC 15

RESULT 364
AX633254
LOCUS 15 bp RNA linear PAT 21-FEB-2003
DEFINITION Sequence 393 from Patent EPI260586.
ACCESSION AX633254
VERSION AX633254.1 GI:28468868
KEYWORDS
SOURCE unidentified
ORGANISM unclassified.

REFERENCE
AUTHORS
1 Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A., Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J., Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M., Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and Woolf,T.
TITLE Method and reagent for inhibiting the expression of disease related genes
JOURNAL RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source
1. 15
/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"

Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 538 CTCGTCTCTAGGCC 552
|||||
Db 1 CTCGTCTCTAGGCC 15

RESULT 365
AX633257
LOCUS 15 bp RNA linear PAT 21-FEB-2003
DEFINITION Sequence 396 from Patent EPI260586.
ACCESSION AX633257
VERSION AX633257.1 GI:28468871
KEYWORDS
SOURCE unidentified
ORGANISM unclassified.

REFERENCE
AUTHORS
1 Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A., Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J., Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M., Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and Woolf,T.

Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M., Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and Woolf,T.
TITLE Method and reagent for inhibiting the expression of disease related genes
JOURNAL RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
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1. 15
/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"

Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 538 CTCGTCTCTAGGCC 552
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Db 1 CTCGTCTCTAGGCC 15

RESULT 366
AX636036
LOCUS 15 bp RNA linear PAT 21-FEB-2003
DEFINITION Sequence 3175 from Patent EPI260586.
ACCESSION AX636036
VERSION AX636036.1 GI:28471650
KEYWORDS
SOURCE unidentified
ORGANISM unclassified.

REFERENCE
AUTHORS
1 Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A., Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J., Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M., Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and Woolf,T.
TITLE Method and reagent for inhibiting the expression of disease related genes
JOURNAL RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source
1. 15
/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"

Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 798 AAGAGCTCTCTCCA 812
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Db 1 AAGAGCTCTCTCCA 15

RESULT 367
AX636225
LOCUS 15 bp RNA linear PAT 21-FEB-2003
DEFINITION Sequence 3364 from Patent EPI260586.
ACCESSION AX636225
VERSION AX636225.1 GI:28471839
KEYWORDS
SOURCE unidentified
ORGANISM unclassified.

REFERENCE
AUTHORS
1 Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A., Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J., Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M., Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and Woolf,T.

TITLE Method and reagent for inhibiting the expression of disease related

Genes
JOURNAL Patent: EP 1260586-A 3364 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)

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/db_xref="taxon:32644"

Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 798 AAGAGCTCTCTCTCCA 812
|||||
Db 1 AAGACTTCTCTCTCCA 15

RESULT 368
AX637343/c
LOCUS AX637343 15 bp RNA linear PAT 21-FEB-2003
DEFINITION Sequence 4482 from Patent EP1260586.
ACCESSION AX637343
VERSION AX637343.1 GI:28472957

KEYWORDS
SOURCE unidentified
ORGANISM unclassified.

REFERENCE 1
AUTHORS Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Direnzo,A.,
Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J.,
Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Woolf,T.

TITLE Method and reagent for inhibiting the expression of disease related

Genes
JOURNAL Patent: EP 1260586-A 4482 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)

FEATURES
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/mol_type="unassigned RNA"
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Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 604 ACAGAGTACTGACTC 618
|||||
Db 15 ACAGAGCAATGACTC 1

RESULT 369
BD065688
LOCUS BD065688 15 bp DNA linear PAT 27-AUG-2002
DEFINITION An antisense oligonucleotide preparation method.
ACCESSION BD065688

VERSION BD065688.1 GI:22611291
KEYWORDS JP 2001511000-A/323.
SOURCE unidentified

ORGANISM unclassified.

REFERENCE 1 (bases 1 to 15)
AUTHORS Schlengensiepen,K.H. and Brysch,W.
TITLE An antisense oligonucleotide preparation method

JOURNAL Patent: JP 2001511000-A 323 07-AUG-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH

COMMENT
OS Unknown
PN JP 2001511000-A/323
PD 07-AUG-2001
PF 30-JAN-1998 JP 1998532533

PR 31-JAN-1997 EP 97101531.8
PI KARL HERMANN SCHLINGENSIEPEN,WOLFGANG BRYSCH
PC C12N15/11,C07H21/04,A61K31/70
CC An antisense oligonucleotide preparation method FH Key
Location/Qualifiers
FT source 1. .15
/organism='Unknown'.
FEATURES
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1. .15
Location/Qualifiers
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 766 CCTCCACTTCTGAGG 780
|||||
Db 1 CCTCCTCTTCAGAG 15

RESULT 370
BD067028/c
LOCUS BD067028 15 bp DNA linear PAT 27-AUG-2002
DEFINITION An antisense oligonucleotide preparation method.
ACCESSION BD067028

VERSION BD067028.1 GI:22612631
KEYWORDS JP 2001511000-A/1663.
SOURCE unidentified

ORGANISM unclassified.

REFERENCE 1 (bases 1 to 15)
AUTHORS Schlengensiepen,K.H. and Brysch,W.
TITLE An antisense oligonucleotide preparation method

JOURNAL Patent: JP 2001511000-A 1663 07-AUG-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH

COMMENT
OS Unknown
PN JP 2001511000-A/1663
PD 07-AUG-2001

PF 30-JAN-1998 JP 1998532533
PI KARL HERMANN SCHLINGENSIEPEN,WOLFGANG BRYSCH
PC C12N15/11,C07H21/04,A61K31/70

CC An antisense oligonucleotide preparation method FH Key
Location/Qualifiers
FT source 1. .15
/organism='Unknown'.
FEATURES
source
1. .15
Location/Qualifiers
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 766 CCTCCACTTCTGAGG 780
|||||
Db 15 CCTCCTCTTCAGAG 1

RESULT 371
BD207371
LOCUS BD207371 15 bp RNA linear PAT 17-JUL-2003
DEFINITION Enzymatic nucleic acid treatment of diseases or conditions related
to hepatitis C virus infection.

ACCESSION BD207371
VERSION BD207371.1 GI:33017141
KEYWORDS JP 2002512791-A/961.
SOURCE unidentified
ORGANISM unidentified

```

unclassified.
1 (bases 1 to 15)
REFERENCE
AUTHORS Blatt,L., McSwiggen,J.A., Roberts,E., Pavco,P.A. and Macejak,D.
TITLE Enzymatic nucleic acid treatment of diseases or conditions related
        to hepatitis C virus infection
JOURNAL Patent: JP 2002512791-A 961 08-MAY-2002;
        RIBOZYME PHARMACEUTICALS INC
COMMENT OS Hepatitis virus (hepatitis C virus)
        PN JP 2002512791-A/961
        PD 08-MAY-2002
        PF 26-APR-1999 JP 2000545991
        PR 27-APR-1998 US 60/083217,18-SEP-1998 US 60/100842 PR
        25-FEB-1999 US 09/257608,23-MAR-1999 US 09/274553 PI
        LAWRENCE BLATT,JAMES A MCSWIGGEN,ELISABETH ROBERTS,PAMELA A PI
        PAVCO,
        PI DENNIS MACEJAK
        PC C12N9/00,A61K31/7105,A61K38/21,A61K48/00,A61P31/12,C12N15/09,
        PC A61K37/66,
        PC C12N15/00
        CC Enzymatic nucleic acid treatment of diseases or conditions CC
        related to
        CC hepatitis C virus infection.
        FH Key Location/Qualifiers
        FT source 1..15
        FT /organism='Hepatitis virus (hepatitis C FT
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        FT Location/Qualifiers
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        FT /mol_type='genomic RNA'
        FT /db_xref='taxon:32644'

Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 533 ACATCTCTGCTCT 547
Db 1 ACATCGTCTGCTCT 15

RESULT 372
BD209015 15 bp RNA linear PAT 17-JUL-2003
LOCUS Enzymatic nucleic acid treatment of diseases or conditions related
DEFINITION to hepatitis C virus infection.
ACCESSION BD209015.1 GI:33018785
VERSION JP 2002512791-A/2605.
KEYWORDS unidentified
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Blatt,L., McSwiggen,J.A., Roberts,E., Pavco,P.A. and Macejak,D.
TITLE Enzymatic nucleic acid treatment of diseases or conditions related
        to hepatitis C virus infection
JOURNAL Patent: JP 2002512791-A 2605 08-MAY-2002;
        RIBOZYME PHARMACEUTICALS INC
COMMENT OS Hepatitis virus (hepatitis C virus)
        PN JP 2002512791-A/2605
        PD 08-MAY-2002
        PF 26-APR-1999 JP 2000545991
        PR 27-APR-1998 US 60/083217,18-SEP-1998 US 60/100842 PR
        25-FEB-1999 US 09/257608,23-MAR-1999 US 09/274553 PI
        LAWRENCE BLATT,JAMES A MCSWIGGEN,ELISABETH ROBERTS,PAMELA A PI
        PAVCO,
        PI DENNIS MACEJAK
        PC C12N9/00,A61K31/7105,A61K38/21,A61K48/00,A61P31/12,C12N15/09,
        PC A61K37/66,
        PC C12N15/00
        CC Enzymatic nucleic acid treatment of diseases or conditions CC
        related to
        CC hepatitis C virus infection.

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FH Key Location/Qualifiers
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FT /organism='Hepatitis virus (hepatitis C FT
virus)',
FT Location/Qualifiers
FT 1..15
FT /organism='unidentified'
FT /mol_type='genomic RNA'
FT /db_xref='taxon:32644'

FEATURES
source
Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 717 GGAGAGTGACTCTGG 731
Db 15 GGAGAGTAACTATGG 1

RESULT 373
AR031533/c 16 bp DNA linear PAT 29-SEP-1999
LOCUS AR031533
DEFINITION Sequence 5 from patent US 5866372.
ACCESSION AR031533
VERSION AR031533.1 GI:5945822
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 16)
AUTHORS Stein,H., Durkop,H. and Latza,U.
TITLE Nucleic acids encoding lymphoid CD30 antigen
JOURNAL Patent: US 5866372-A 5 02-FEB-1999;
        Location/Qualifiers
FEATURES
source 1..16
        /organism='unknown'
        /mol_type='unassigned DNA'

Query Match 3.0%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 781 GCAGCCCTCTGGTG 795
Db 15 GCAGGCCCTCCGGTG 1

RESULT 374
AR104210 16 bp DNA linear PAT 14-FEB-2001
LOCUS AR104210
DEFINITION Sequence 26 from patent US 6093545.
ACCESSION AR104210
VERSION AR104210.1 GI:12816918
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 16)
AUTHORS Goodearl,A.D.J. and Glucksmann,M.Alexandra.
TITLE Methods for detecting nucleic acid molecules encoding a member of
        the muscarinic family of receptors
JOURNAL Patent: US 6093545-A 26 25-JUL-2000;
        Location/Qualifiers
FEATURES
source 1..16
        /organism='unknown'
        /mol_type='unassigned DNA'

Query Match 3.0%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 775 CTGAGGGCAGCCCT 789

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DEFINITION Sequence 63 from patent US 5567809.
ACCESSION 127891
VERSION 127891.1 GI:1818667
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 14)
AUTHORS Apple,R.J., Brlich,H.A., Griffith,R.L. and Scharf,S.J.
TITLE Methods and reagents for HLA DRbeta DNA typing
JOURNAL Patent: US 5567809-A 63 22-OCT-1996;
FEATURES
    source
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        /mol_type="unassigned DNA"

Query Match 2.9%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 548 AGGCTCTCCCGC 560
Db 14 AGCGCGCCCGC 2

RESULT 380
AL2452 15 bp DNA linear PAT 28-MAR-1994
LOCUS oligonucleotide.
DEFINITION
ACCESSION AL2452
VERSION AL2452.1 GI:512651
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 15)
AUTHORS
TITLE METHOD AND MEANS FOR PRODUCING A PROTEIN HAVING THE SAME IgG
JOURNAL SPECIFICITY AS PROTEIN G
FEATURES
    source
        Patent: WO 8705631-A 10 24-SEP-1987;
        Location/Qualifiers
            1..15
            /organism="synthetic construct"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"

Query Match 2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 676 GCGGACCCCGC 698
Db 13 GCGGATCCCGC 1

RESULT 381
AR023476 15 bp DNA linear PAT 05-DEC-1998
LOCUS
DEFINITION Sequence 1 from patent US 5795714.
ACCESSION AR023476
VERSION AR023476.1 GI:3976770
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Cantor,C.R., Przetakiewicz,M., Smith,C.I. and Sano,T.
TITLE Method for replicating an array of nucleic acid probes
JOURNAL Patent: US 5795714-A 1 18-AUG-1998;
FEATURES
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        /mol_type="unassigned DNA"

DEFINITION Sequence 63 from patent US 5567809.
ACCESSION 127891
VERSION 127891.1 GI:1818667
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 14)
AUTHORS Apple,R.J., Brlich,H.A., Griffith,R.L. and Scharf,S.J.
TITLE Methods and reagents for HLA DRbeta DNA typing
JOURNAL Patent: US 5567809-A 63 22-OCT-1996;
FEATURES
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        /mol_type="unassigned DNA"

Query Match 2.9%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 548 AGGCTCTCCCGC 560
Db 14 AGCGCGCCCGC 2

RESULT 380
AL2452 15 bp DNA linear PAT 28-MAR-1994
LOCUS oligonucleotide.
DEFINITION
ACCESSION AL2452
VERSION AL2452.1 GI:512651
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 15)
AUTHORS
TITLE METHOD AND MEANS FOR PRODUCING A PROTEIN HAVING THE SAME IgG
JOURNAL SPECIFICITY AS PROTEIN G
FEATURES
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        Patent: WO 8705631-A 10 24-SEP-1987;
        Location/Qualifiers
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            /mol_type="unassigned DNA"
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Query Match 2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 676 GCGGACCCCGC 698
Db 13 GCGGATCCCGC 1

RESULT 381
AR023476 15 bp DNA linear PAT 05-DEC-1998
LOCUS
DEFINITION Sequence 1 from patent US 5795714.
ACCESSION AR023476
VERSION AR023476.1 GI:3976770
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Cantor,C.R., Przetakiewicz,M., Smith,C.I. and Sano,T.
TITLE Method for replicating an array of nucleic acid probes
JOURNAL Patent: US 5795714-A 1 18-AUG-1998;
FEATURES
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DEFINITION Sequence 83 from patent US 5811300.
ACCESSION AR041293
VERSION AR041293.1 GI:5961789
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Sullivan,S., Draper,K., Kisich,K., Stinchcomb,D.T. and McSwiggen,J.
TITLE TNP-alpha ribozymes
JOURNAL Patent: US 5811300-A 83 22-SEP-1998;
FEATURES
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        /mol_type="unassigned DNA"

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Best Local Similarity 92.3%; Pred. No. 2e+02;
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Qy 564 CTCCTCCCGAC 576
Db 3 CTCCTACCGAC 15

RESULT 383
AR045292/c 15 bp DNA linear PAT 29-SEP-1999
LOCUS
DEFINITION Sequence 85 from patent US 5817796.
ACCESSION AR045292
VERSION AR045292.1 GI:5966757
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
TITLE C-myb ribozymes having 2'-5'-linked adenylate residues
JOURNAL Patent: US 5817796-A 85 06-OCT-1998;
FEATURES
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        /mol_type="unassigned DNA"

Query Match 2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 663 TTCTCGAAGCTTG 675
Db 13 TTCTGGAAGCTTG 1

RESULT 384
AR131437 15 bp DNA linear PAT 16-MAY-2001
LOCUS
DEFINITION Sequence 21 from patent US 6194144.
ACCESSION AR131437
VERSION AR131437.1 GI:14120340
KEYWORDS
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Page 92

TITLE DNA diagnostics based on mass spectrometry
JOURNAL Patent: US 6428955-A 31 06-AUG-2002;
FEATURES Location/Qualifiers

source
1. .15
/organism="unknown"
/mol_type="mRNA"

Query Match 2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 792 GGTGCCAAGAGCT 804

Db 3 GGTGCCAAGAGCT 15

RESULT 390

AX098747 AX098747 15 bp DNA linear PAT 02-APR-2001

LOCUS Sequence 54 from Patent WO0120025.

DEFINITION AX098747

ACCESSION AX098747

VERSION AX098747.1 GI:13537988

KEYWORDS

SOURCE synthetic construct

ORGANISM synthetic construct

REFERENCE artificial sequences.

1 Wojnowski, L. and Eiselt, R.

AUTHORS Polymorphisms in the human cyp3a4 and cyp3a7 genes and their use in

TITLE diagnostic and therapeutic applications

JOURNAL Patent: WO 0120025-A 54 22-MAR-2001;

Epidauros Biotechnologie AG (DE)

FEATURES Location/Qualifiers

source 1. .15

/organism="synthetic construct"

/mol_type="unassigned DNA"

/db_xref="taxon:32630"

/note="artificial"

Query Match 2.9%; Score 11.4; DB 1; Length 15;

Best Local Similarity 92.3%; Pred. No. 2e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 575 CCAAGACTTTTGT 587

Db 3 CCAGGACTTTTGT 15

RESULT 391

AX098748/C AX098748 15 bp DNA linear PAT 02-APR-2001

LOCUS Sequence 55 from Patent WO0120025.

DEFINITION AX098748

ACCESSION AX098748

VERSION AX098748.1 GI:13537989

KEYWORDS

SOURCE synthetic construct

ORGANISM synthetic construct

REFERENCE artificial sequences.

1 Wojnowski, L. and Eiselt, R.

AUTHORS Polymorphisms in the human cyp3a4 and cyp3a7 genes and their use in

TITLE diagnostic and therapeutic applications

JOURNAL Patent: WO 0120025-A 55 22-MAR-2001;

Epidauros Biotechnologie AG (DE)

FEATURES Location/Qualifiers

source 1. .15

/organism="synthetic construct"

/mol_type="unassigned DNA"

/db_xref="taxon:32630"

/note="artificial"

Query Match 2.9%; Score 11.4; DB 1; Length 15;

Best Local Similarity 92.3%; Pred. No. 2e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 575 CCAAGACTTTTGT 587

Db 13 CCAGGACTTTTGT 1

RESULT 392

AX137012 AX137012 15 bp DNA linear PAT 30-MAY-2001

LOCUS Sequence 86 from Patent EP1088900.

DEFINITION AX137012

ACCESSION AX137012

VERSION AX137012.1 GI:14273359

KEYWORDS

SOURCE synthetic construct

ORGANISM synthetic construct

REFERENCE artificial sequences.

1 Hustert, E., Wojnowski, L. and Eiselt, R.

AUTHORS Polymorphisms in the human cyp3a4, cyp3a7 and hpxr genes and their

TITLE use in diagnostic and therapeutic applications

JOURNAL Patent: EP 1088900-A 86 04-APR-2001;

Epidauros Biotechnologie AG (DE)

FEATURES Location/Qualifiers

source 1. .15

/organism="synthetic construct"

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/db_xref="taxon:32630"

/note="DNA"

Query Match 2.9%; Score 11.4; DB 1; Length 15;

Best Local Similarity 92.3%; Pred. No. 2e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 575 CCAAGACTTTTGT 587

Db 3 CCAGGACTTTTGT 15

RESULT 393

AX137013/C AX137013 15 bp DNA linear PAT 30-MAY-2001

LOCUS Sequence 87 from Patent EP1088900.

DEFINITION AX137013

ACCESSION AX137013

VERSION AX137013.1 GI:14273360

KEYWORDS

SOURCE synthetic construct

ORGANISM synthetic construct

REFERENCE artificial sequences.

1 Hustert, E., Wojnowski, L. and Eiselt, R.

AUTHORS Polymorphisms in the human cyp3a4, cyp3a7 and hpxr genes and their

TITLE use in diagnostic and therapeutic applications

JOURNAL Patent: EP 1088900-A 87 04-APR-2001;

Epidauros Biotechnologie AG (DE)

FEATURES Location/Qualifiers

source 1. .15

/organism="synthetic construct"

/mol_type="unassigned DNA"

/db_xref="taxon:32630"

/note="DNA"

Query Match 2.9%; Score 11.4; DB 1; Length 15;

Best Local Similarity 92.3%; Pred. No. 2e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 575 CCAAGACTTTTGT 587

Db 13 CCAGGACTTTTGT 1

RESULT 394

AX328534

LOCUS AX328534 15 bp DNA linear PAT 08-JAN-2002
DEFINITION Sequence 31 from Patent EP1164203.
ACCESSION AX328534
VERSION AX328534.1 GI:18101733
KEYWORDS
SOURCE unclassified
ORGANISM unclassified.
REFERENCE
1 Koester, H., Little, D.P., Braun, A., Jurinke, C., van den Boom, D.,
Xiang, G., Lough, D.M., Rupert, A. and Hillenkamp, F.
TITLE Dna diagnostics based on mass spectrometry
JOURNAL Patent: EP 1164203-A 31 19-DEC-2001;
SEQUENOM, INC. (US)
FEATURES
source
1..15
/organism="unclassified"
/mol_type="unassigned DNA"
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QY 792 GGTGCCAAGAGCT 804
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Db 3 GGTCCAGAGCT 15
RESULT 395
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LOCUS AX377344 15 bp DNA linear PAT 18-MAR-2002
DEFINITION Sequence 8 from Patent WO0212499.
ACCESSION AX377344
VERSION AX377344.1 GI:19573630
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
1 Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
AUTHORS Klem, S.E., Koshy, B. and Lanz, E.M.
TITLE Haplotypes of the ntfs3 gene
JOURNAL Patent: WO 0212499-A 8 14-FEB-2002;
Genaissance Pharmaceuticals, Inc. (US)
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2e+02;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
QY 837 TCTTCTCTGAGACA 851
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Db 15 TGTTCYGAATCA 1
RESULT 396
AX636743
LOCUS AX636743 15 bp RNA linear PAT 21-FEB-2003
DEFINITION Sequence 3882 from Patent EP1260586.
ACCESSION AX636743
VERSION AX636743.1 GI:28472357
KEYWORDS
SOURCE unclassified
ORGANISM unclassified.
REFERENCE
1 Stinchcomb, D.T., Dudycz, L.W., Chowrira, B., Grimm, S., Direnzo, A.,
Karpeisky, A., Draper, K.G., Kisich, K., Matulic-Adamic, J.,
Mcswiggen, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.M.,
Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and
Woolf, T.
TITLE Method and reagent for inhibiting the expression of disease related
genes
JOURNAL Patent: EP 1260586-A 3882 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
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/mol_type="unassigned RNA"
/db_xref="taxon:32644"
Query Match 2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 564 CTCCTCCAGACC 576
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Db 3 CTCCTACCAGACC 15
RESULT 397
AX742573
LOCUS AX742573 15 bp DNA linear PAT 12-MAY-2003
DEFINITION Sequence 376 from Patent EP1302550.
ACCESSION AX742573
VERSION AX742573.1 GI:30576541
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
1 Lin, C.Y., Lin, R.W., You, C.M., Huang, H.H., Lee, B.H., Lee, H.H.,
Lin, Y.J., Fan, C.C., Hsu, H.C., Shih, C.W., Yeh, C.H., Kao, Y.F.,
Pan, C.B. and Chan, P.
TITLE Method and detector for identifying subtypes of human papilloma
viruses
JOURNAL Patent: EP 1302550-A 376 16-APR-2003;
King Car Food Industrial Co., Ltd. (TW)
FEATURES
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide for Identifying HPV 62"
Query Match 2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 765 GCCTCCACTTCG 777
|||||
Db 3 GCCTCCACTTCG 15
RESULT 398
BD132099
LOCUS BD132099 15 bp DNA linear PAT 18-SEP-2002
DEFINITION DNA diagnosis method based on mass spectrometry.
ACCESSION BD132099
VERSION BD132099.1 GI:23227044
KEYWORDS JP 2002507883-A/31.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
1 (bases 1 to 15)
AUTHORS Koster, H., Little, D.P., Braun, A., Lough, D.M., Xiang, G.,
Boom, D.V.D., Jurinke, C. and Rupert, A.
TITLE Dna diagnosis method based on mass spectrometry
JOURNAL Patent: JP 2002507883-A 31 12-MAR-2002;
SEQUENOM INC
COMMENT PN JP 2002507883-A/31

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PD 12-MAR-2002
PF 06-NOV-1997 JP 1998521832
PR 06-NOV-1996 US 08/744481,06-NOV-1996 US 08/746036 PR
PR 06-NOV-1996 US 08/746055,06-NOV-1996 US 08/744590 PR
23-JAN-1997 US 08/786988,23-JAN-1997 US 08/787639 PR
19-SEP-1997 US 08/933792,08-OCT-1997 US 08/947801 PI HUBERT
KOSTER,DANIEL P LITTLE,ANDREAS BRAUN,DAVID M LOUGH, PI GUOBING
XIANG,
PI DIRK VAN DEN BOOM,CHRISTIAN JURINKE,ANDREAS RUPERT PC
C12Q1/68,C07H21/00,C07F9/24
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CC Topology: Unknown;
FH Key Location/Qualifiers.
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Query Match          2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 792 GGTCCCAAGCT 804
DB 3 GGTCCCAAGCT 15

RESULT 399
BD184426
LOCUS
DEFINITION
    Method and detector for identifying subtypes of human papilloma
    viruses.
ACCESSION
    BD184426.1 GI:31876626
VERSION
    JP 2002360271-A/405.
KEYWORDS
    synthetic construct
SOURCE
    synthetic construct
    artificial sequences.
ORGANISM
    1 (bases 1 to 15)
REFERENCE
    Ling,C., Lin,R., Yoo,Z., Huang,X., Lee,B., Lee,S., Lin,Y.,
    Huang,C., Hsu,H., Shi,C., Yeh,C., Cao,Y. and Pan,C.
    Method and detector for identifying subtypes of human papilloma
    Patent: JP 2002360271-A 405 17-DEC-2002;
    KING CAR FOOD INDUSTRIAL CO LTD
    OS Artificial Sequence
    PN JP 2002360271-A/405
    PD 17-DEC-2002
    PF 28-NOV-2001 JP 20011362595
    PR 04-MAY-2001 TW 90110785
    PI CHING-YEE LING, RUEY-WEN LIN, ZHOU-MENG YOO, XIN-HSIUAN HUANG, BOW-
    HAENG LEE,
    PI SHENG-HSIUNG LEE, YI-JU LIN, CI-CHUNG HUANG, HAN-CHANG HSU, CHA-
    WEN SHI,
    PI CHIH-XIN YEH, YI-PENG CAO, CHIH-LONG PAN
    PC C12N15/09,C12N15/09,C12M1/34,C12Q1/04,C12Q1/42,C12Q1/68 PC
    C12Q1/70,G01N21/64,
    PC G01N33/53,G01N33/574,G01N33/58,G01N37/00// (C12M1/34,C12R1:93),
    PC (C12Q1/70,C12R1:93),C12N15/00,C12N15/00
    CC Oligonucleotide M6201 for identifying HPV 62. FH Key
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Query Match          2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 765 GCTCCACTCTG 777
DB 3 GCTCCACTCTG 15

RESULT 400
BD208314
LOCUS
DEFINITION
    Enzymatic nucleic acid treatment of diseases or conditions related
    to hepatitis C virus infection.
ACCESSION
    BD208314.1 GI:33018084
VERSION
    JP 2002512791-A/1904.
KEYWORDS
    unidentified
SOURCE
    unidentified
ORGANISM
    1 (bases 1 to 15)
REFERENCE
    Blatt,L., McSwiggen,J.A., Roberts,E., Pavco,P.A. and Macejak,D.
    Enzymatic nucleic acid treatment of diseases or conditions related
    to hepatitis C virus infection
    Patent: JP 2002512791-A 1904 08-MAY-2002;
    RIBOZYME PHARMACEUTICALS INC
    OS Hepatitis virus (hepatitis C virus)
    PN JP 2002512791-A/1904
    PD 08-MAY-2002
    PF 26-APR-1999 JP 2000545991
    PR 27-APR-1998 US 60/083217,18-SEP-1998 US 60/100842 PR
    25-FEB-1999 US 09/257608,23-MAR-1999 US 09/274553 PI
    LAWRENCE BLATT,JAMES A MCSWIGGEN,ELISABETH ROBERTS,PAMELA A PI
    PAVCO,
    PI DENNIS MACEJAK
    PC C12N9/00,A61K31/7105,A61K38/21,A61K48/00,A61P31/12,C12N15/09,
    A61K31/66,
    PC C12N15/00
    CC Enzymatic nucleic acid treatment of diseases or conditions
    related to
    hepatitis C virus infection.
    CC hepatitis C virus infection.
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Query Match          2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 805 CTCCTCCACTCA 817
DB 3 CTCCTCCACTCA 15

RESULT 401
E39139
LOCUS
DEFINITION
    Improved PCR method for primer elongation pre-amplification.
ACCESSION
    E39139
VERSION
    E39139.1 GI:13017701
KEYWORDS
    synthetic construct
SOURCE
    synthetic construct
    artificial sequences.
ORGANISM
    1 (bases 1 to 16)
REFERENCE
    Urufuganku,D. and Joseph,R.
    Improved PCR method for primer elongation pre-amplification
    Patent: JP 1999318498-A 5 24-NOV-1999;
    ROCHE DIAGNOSTICS GMBH
    OS Artificial Sequence
    PN JP 1999318498-A/5

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PD 24-NOV-1999
PF 26-MAR-1998 JP 1999084967
PR 26-MAR-1998 DE 19813317:0
PI URUFUGANKU DIETOMAIYA,JOSEPH RUSSHOFU
PC C12Q1/68,C12N15/09,C12N15/00
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FH Key Location/Qualifiers
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                /mol_type='genomic DNA'
                /db_xref='taxon:32630'
Query Match 2.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 548 AGGCTCCCGCAGC 560
Db 3 AGGCTCCCGTCG 15
RESULT 402
LOCUS AR203384 16 bp DNA linear PAT 20-JUN-2002
DEFINITION Sequence 5 from patent US 6365375.
ACCESSION AR203384
VERSION AR203384.1 GI:21499759
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 16)
AUTHORS Dietmaier,W. and Ruschoff,J.
TITLE Method of primer-extension preamplification PCR
JOURNAL Patent: US 6365375-A 5 02-APR-2002;
FEATURES
    source
        Location/Qualifiers
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                /organism='unknown'
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Query Match 2.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 548 AGGCTCCCGCAGC 560
Db 3 AGGCTCCCGTCG 15
RESULT 403
LOCUS AR328363 16 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 5765 from patent US 6566127.
ACCESSION AR328363
VERSION AR328363.1 GI:33714171
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 16)
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 5765 20-MAY-2003;
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                /organism='unknown'
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Query Match 2.9%; Score 11.4; DB 1; Length 16;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 548 AGGCTCCCGCAGC 560
Db 3 AGGCTCCCGTCG 15
RESULT 404
LOCUS AR328479 16 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 5881 from patent US 6566127.
ACCESSION AR328479
VERSION AR328479.1 GI:33714287
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 16)
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 5881 20-MAY-2003;
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Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 838 CTTCCTGAGAC 850
Db 4 CTTCCTGAGGAC 16
RESULT 405
LOCUS AX011282 16 bp DNA linear PAT 06-SEP-2000
DEFINITION Sequence 5 from Patent EP0957177.
ACCESSION AX011282
VERSION AX011282.1 GI:9997833
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Dietmaier,W.D. and Rueschoff,J.P.
TITLE Improved method for primer extension preamplification-pcr
JOURNAL Patent: EP 0957177-A 5 17-NOV-1999;
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                /mol_type='unassigned DNA'
                /db_xref='taxon:9606'
Query Match 2.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 548 AGGCTCCCGCAGC 560
Db 3 AGGCTCCCGTCG 15
RESULT 406
LOCUS AX284085 16 bp DNA linear PAT 20-NOV-2001
DEFINITION Sequence 50 from Patent WO0179487.
ACCESSION AX284085
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VERSION      AX284085.1  GI:17044795
KEYWORDS     .
SOURCE       synthetic construct
ORGANISM     synthetic construct
             artificial sequences.
REFERENCE    1
AUTHORS      Degitz,K.K. and Besch,R.
TITLE        Polydesoxyribonucleotides for inhibiting the expression of the
JOURNAL      icam-1-gene
             Patent: WO 0179487-A 50 25-OCT-2001;
             Degitz, Klaus Karl (DE) ; Besch, Robert (DE)
FEATURES     Location/Qualifiers
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             /db_xref="taxon:32630"
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Query Match      2.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      763 AGGCCTCCACTTC 775
Db      3 AGGCCTCCCTTC 15

RESULT 407
AX284086/c
LOCUS      AX284086
DEFINITION Sequence 51 from Patent WO0179487.
ACCESSION AX284086
VERSION    AX284086.1  GI:17044796
KEYWORDS   .
SOURCE     synthetic construct
           synthetic construct
           artificial sequences.
REFERENCE  1
AUTHORS    Degitz,K.K. and Besch,R.
TITLE      Polydesoxyribonucleotides for inhibiting the expression of the
JOURNAL    icam-1-gene
           Patent: WO 0179487-A 51 25-OCT-2001;
           Degitz, Klaus Karl (DE) ; Besch, Robert (DE)
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Best Local Similarity 92.3%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      763 AGGCCTCCACTTC 775
Db      3 AGGCCTCCCTTC 15

RESULT 407
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LOCUS      AX284086
DEFINITION Sequence 51 from Patent WO0179487.
ACCESSION AX284086
VERSION    AX284086.1  GI:17044796
KEYWORDS   .
SOURCE     synthetic construct
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           artificial sequences.
REFERENCE  1
AUTHORS    Degitz,K.K. and Besch,R.
TITLE      Polydesoxyribonucleotides for inhibiting the expression of the
JOURNAL    icam-1-gene
           Patent: WO 0179487-A 51 25-OCT-2001;
           Degitz, Klaus Karl (DE) ; Besch, Robert (DE)
FEATURES   Location/Qualifiers
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Query Match      2.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      763 AGGCCTCCACTTC 775
Db      14 AGGCCTCCCTTC 2

RESULT 408
AX741135
LOCUS      AX741135
DEFINITION Sequence 39 from Patent WO03027322.
ACCESSION AX741135
VERSION    AX741135.1  GI:30523981
KEYWORDS   .
SOURCE     synthetic construct
           synthetic construct
           artificial sequences.
REFERENCE  1
AUTHORS    Nakamura,Y. and Furukawa,Y.

TITLE      Hepatocellular carcinoma-related genes and polypeptides, and method
           for detecting hepatocellular carcinomas
           Patent: WO 03027322-A 39 03-APR-2003;
           The President of the University of Tokyo (JP) ; Oncotherapy
           Science, Inc. (JP)
FEATURES   Location/Qualifiers
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           /db_xref="taxon:32630"
           /note="an artificially synthesized oligonucleotide
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Query Match      2.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      701 CCTCCAGCGAGTC 713
Db      3 CCTCCATCGAGTC 15

RESULT 409
AX741140/c
LOCUS      AX741140
DEFINITION Sequence 44 from Patent WO03027322.
ACCESSION AX741140
VERSION    AX741140.1  GI:30523986
KEYWORDS   .
SOURCE     synthetic construct
           synthetic construct
           artificial sequences.
REFERENCE  1
AUTHORS    Nakamura,Y. and Furukawa,Y.
TITLE      Hepatocellular carcinoma-related genes and polypeptides, and method
           for detecting hepatocellular carcinomas
           Patent: WO 03027322-A 44 03-APR-2003;
           The President of the University of Tokyo (JP) ; Oncotherapy
           Science, Inc. (JP)
FEATURES   Location/Qualifiers
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           /db_xref="taxon:32630"
           /note="an artificially synthesized oligonucleotide
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Query Match      2.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      701 CCTCCAGCGAGTC 713
Db      14 CCTCCATCGAGTC 2

RESULT 410
BD225192/c
LOCUS      BD225192
DEFINITION Human papilloma virus inhibition by antisense oligonucleotides.
ACCESSION BD225192
VERSION    BD225192.1  GI:33034962
KEYWORDS   .
SOURCE     unidentified
           unclassified.
REFERENCE  1 (bases 1 to 16)
AUTHORS    Dipaolo,J. and Salas,L.A.
TITLE      Human papilloma virus inhibition by antisense oligonucleotides
           Patent: JP 2002509692-A 5 02-APR-2002;
           THE UNITED STATES OF AMERICA
           OS Human papilloma virus 16
           PN 2002509692-A/5
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PD	02-APR-2002		
PF	03-SEP-1998	JP	2000510858
PR	05-SEP-1997	US	08/929140
PI	JOSSEPH DIPAOLO,	LUIS ALVAREZ	SALAS
PC			
C1	C12N15/09,A61K31/7125,A61K48/00,A61P35/00//C07K14/025,C12N9/00,PC		
C2	N15/00		
CC	Human papilloma virus inhibition by antisense oligonucleotides		
FH	Key	Location/Qualifiers	
FT	1. .16		
FT	source	/organism='Human papilloma virus 16'.	

Query Match	2.9%	Score 11.4;	DB 1;	Length 16;
Best Local Similarity	92.3%	Pred. No. 2.2e+02;		
Matches 12;	Conservative	0;	Mismatches 1;	Indels 0;
				Gaps 0;

RESULT	411
BD225194/c	
LOCUS	DD225194.1 linear DNA PAT 17-JUL-2003
DEFINITION	Human papilloma virus inhibition by antisense oligonucleotides.
ACCESSION	BD225194
VERSION	BD225194.1 GI:33034964
KEYWORDS	JP 2002509692-A/. unidentified unclassified. unclassified.
SOURCE	
ORGANISM	
REFERENCE	1 (bases 1 to 16)
AUTHORS	Dipaolo,J.,and Salas,L.A.
TITLE	Human papilloma virus inhibition by antisense oligonucleotides
JOURNAL	Patent: JP 2002509692-A 7 02-APR-2002; THE UNITED STATES OF AMERICA
COMMENT	OS Human papilloma virus 16

Query Match	2.9%	Score 11.4;	DB 1;	Length 16;
Best Local Similarity	92.3%;	Pred. No. 2.2e+02;		
Matches 12: Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0;

RESULT 412			
AX475339	AX475339	17 bp	DNA
LOCUS	Sequence	560	from Patent WO0224750.
DEFINITION			linear
			PAT 13-AUG-2002

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ACCESSION      AX475339
VERSION        AX475339.1  GI:22214624
KEYWORDS
SOURCE
ORGANISM       Homo sapiens (human)
                Homo sapiens
                Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1              Zhang, J.
                Human kidney tumor overexpressed membrane protein 1
                Patent: WO 0224750-A 560 28-MAR-2002;
                Aeomica, Inc. (US)
FEATURES
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                /organism="Homo sapiens"
                /mol_type="unassigned DNA"
                /db_xref="taxon:9606"

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Query Match	2.9%	Score 11.4;	DB 1;	Length 17;
Best Local Similarity	92.3%;	Pred. No. 2.4e+02;		
Matches 12: Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0;

RESULT 413	AX759333/c	AX759333	Sequence 2654 from Patent WO03040369.	17 bp	DNA	linear	PAT 25-JUN-2003
LOCUS		AX759333					
DEFINITION		AX759333					
ACCESSION		AX759333.1	GI:32253949				
VERSION		.					
KEYWORDS							
SOURCE			Homo sapiens (human)				

Query Match	2.9%;	Score 11.4;	DB 1;	Length 17;
Best Local Similarity	92.3%;	Pred. No. 2.4e+02;		
Matches 12: Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0;

[illegible]

REFERENCE	AUTHORS	TITLE
1 (bases 1 to 16)	Gryaznov, S.N. and Lloyd, D.H.	Oligonucleotide clamps

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JOURNAL Patent: US 5741643-A 6 21-APR-1998;
FEATURES Location/Qualifiers
source
1. .16
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 580 ACTTTTGTTCTGTTT 595
Db 1 ACTTTTCTTTT 16

RESULT 415
AR035160/c
LOCUS 16 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 20 from patent US 5871730.
ACCESSION AR035160
VERSION AR035160.1 GI:5951828
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 16)
AUTHORS Gryaznov,S.M.
TITLE Convergent synthesis of branched and multiply connected
macromolecular structures
JOURNAL Patent: US 5830659-A 6 03-NOV-1998;
FEATURES Location/Qualifiers
source
1. .16
/organism="unknown"
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Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 580 ACTTTTGTTCTGTTT 595
Db 1 ACTTTTCTTTT 16

RESULT 416
AR045207
LOCUS 16 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 6 from patent US 5817795.
ACCESSION AR045207
VERSION AR045207.1 GI:5966672
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 16)
AUTHORS Gryaznov,S.M. and Lloyd,D.H.
TITLE Oligonucleotide clamps having diagnostic and therapeutic
applications
JOURNAL Patent: US 5817795-A 6 06-OCT-1998;
FEATURES Location/Qualifiers
source
1. .16
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/mol_type="unassigned DNA"

Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 580 ACTTTTGTTCTGTTT 595
Db 1 ACTTTTCTTTT 16

RESULT 417
AR035160/c
LOCUS 16 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 20 from patent US 5871730.
ACCESSION AR035160
VERSION AR035160.1 GI:5951828
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 16)
AUTHORS Brzezinski,R., Dery,C.V. and Beaulieu,C.
TITLE Thermostable xylanase DNA, protein and methods of use
JOURNAL Patent: US 5871730-A 20 16-FEB-1999;
FEATURES Location/Qualifiers
source
1. .16
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 557 CAGCGAGCTCCTCCCA 572
Db 16 CATCCAGCTCCTCCTA 1

RESULT 418
AR084447
LOCUS 16 bp DNA linear PAT 01-SEP-2000
DEFINITION Sequence 23 from patent US 5981178.
ACCESSION AR084447
VERSION AR084447.1 GI:10011218
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 16)
AUTHORS Tsui,L.-C., Rommens,J.M. and Kerem,B.-s.
TITLE Methods for screening for mutations at various positions in the
introns and exons of the cystic fibrosis gene
JOURNAL Patent: US 5981178-A 23 09-NOV-1999;
FEATURES Location/Qualifiers
source
1. .16
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 541 TGCTCCTAGGCTCC 556
Db 1 TGCTCCTTGACCTCCC 16

RESULT 419
AR093889
LOCUS 16 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 23 from patent US 6001588.
ACCESSION AR093889
VERSION AR093889.1 GI:10020635
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 16)
AUTHORS Tsui,L.-C., Rommens,J.M. and Kerem,B.-s.
TITLE Introns and exons of the cystic fibrosis gene and mutations thereof
JOURNAL Patent: US 6001588-A 23 14-DEC-1999;
FEATURES Location/Qualifiers
source
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Query Match
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Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 541 TGCTCTAGGCTCC 556
Db 1 TGCTCTAGGCTCC 16

RESULT 420
E27541
LOCUS E27541 Novel collagen-like protein. 16 bp DNA linear PAT 18-JUN-2001
DEFINITION E27541
ACCESSION E27541
VERSION E27541.1 GI:13026530
KEYWORDS JP 1999178574-A/13.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 16)
AUTHORS Tsutomi,K., Haruo,T., Yukio,Y., Seina,H., Hiroaki,T., Shogo,E. and Fumiko,W.
TITLE Novel collagen-like protein
JOURNAL Patent: JP 1999178574-A 13 06-JUL-1999;
COMMENT TOYOTA CENTRAL RES & DEV LAB INC,HIGETA SHOUY CO LTD
PN JP 1999178574-A/13
PD 06-JUL-1999
PF 22-DEC-1997 JP 1997353216
PR

PI TSUTOMU KAJINO,HARUO TAKAHASHI,YUKIO YAMADA,SEINA HIRAI, PI
HIROAKI TAKAGI,
PI SHOGO ERIKU,FUMIKO WATANABE
PC C12N15/09,C07K14/32,C07K14/47,C12N1/21//C12P21/02,(C12N1/21,
PC C12R1:08),
PC (C12P21/02,C12R1:08),C12N15/00
CC Strandedness: Single;
FH Key Location/Qualifiers
FT source 1..16
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source Location/Qualifiers
1..16 /organism="Unidentified".

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Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 539 TGTGCTCTAGGCTCC 554
Db 1 TGTGCTCTAGGCTCC 16

RESULT 421
I16032
LOCUS I16032 Sequence 6 from patent US 5473060. 16 bp DNA linear PAT 03-APR-1996
DEFINITION I16032
ACCESSION I16032
VERSION I16032.1 GI:1250940
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 16)
AUTHORS Gryaznov,S.M. and Lloyd,D.H.
TITLE Oligonucleotide clamps having diagnostic applications
JOURNAL Patent: US 5473060-A 6 05-DEC-1995;
FEATURES
source Location/Qualifiers

/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 2.8%; Score 11.2; DB 1; Length 16;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 580 ACTTTTGTCGTCTTT 595
Db 1 ACTTTTGTCGTCTTT 16

RESULT 422
I28367
LOCUS I28367 Sequence 6 from patent US 5571677. 16 bp DNA linear PAT 06-FEB-1997
DEFINITION I28367
ACCESSION I28367
VERSION I28367.1 GI:1819143
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 16)
AUTHORS Gryaznov,S.M.
TITLE Convergent synthesis of branched and multiply connected macromolecular structures
JOURNAL Patent: US 5571677-A 6 05-NOV-1996;
FEATURES
source Location/Qualifiers
1..16 /organism="unknown"
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Query Match
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Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 580 ACTTTTGTCGTCTTT 595
Db 1 ACTTTTGTCGTCTTT 16

RESULT 423
AR211607/c
LOCUS AR211607 Sequence 26 from patent US 6399340. 16 bp DNA linear PAT 20-JUN-2002
DEFINITION AR211607
ACCESSION AR211607
VERSION AR211607.1 GI:21514974
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 16)
AUTHORS Saito,Y., Noguchi,Y., Yoshikawa,K. and Soeda,S.
TITLE Vector derivatives of gluconobacter plasmid pF4
JOURNAL Patent: US 6399340-A 26 04-JUN-2002;
FEATURES
source Location/Qualifiers
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/mol_type="unassigned DNA"

Query Match
Best Local Similarity 2.8%; Score 11.2; DB 1; Length 16;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Db 16 CCTCCCGAGCGAGCTC 1

RESULT 424
AR221233
LOCUS AR221233
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RESULT	431
AX552598	
LOCUS	
DEFINITION	Sequence 16 bp RNA
ACCESSION	Sequence 14 from Patent WO02074963.
VERSION	AX552598.1 GI:25896607
KEYWORDS	.
SOURCE	West Nile virus (WNV)
	linear PAT 27-NOV-2002

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source
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Best Local Similarity 81.2%; Pred. NO. 2.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      873 CACTTTCCTGAGATGC 888
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Db      1  CACGGTCTGTGAGTGTC 16

RESULT 433
BD085655 16 bp DNA linear PAT 27-AUG-2002
LOCUS    Recombinant alphavirus-based vectors with reduced inhibition of
DEFINITION
cellular macro-molecular synthesis.
ACCESSION BD085655
VERSION   BD085655.1 GI:22631265
KEYWORDS  JP 2001521369-A/85.
SOURCE   unidentified
ORGANISM unidentified
unclassified.
REFERENCE 1 (bases 1 to 16)
AUTHORS  Jr,T.W.D., Polo,J.M., Belli,B.A., Schlesinger,S., Dryga,S.A. and
          Prolov,I.
TITLE    Recombinant alphavirus-based vectors with reduced inhibition of
JOURNAL  cellular macro-molecular synthesis
COMMENT  Patent: JP 2001521369-A 85 06-NOV-2001;
          CHIRON CORP, WASHINGTON UNIVERSITY
          OS Unidentified
          PN JP 2001521369-A/85
          PD 06-NOV-2001
          PF 04-APR-1997 JP 1997536512
          PR 05-APR-1996 US 08/628594, 24-JUN-1996 US 08/668953 PR
          12-JUL-1996 US 08/679640
          PI THOMAS W DUBENSKY JR, JOHN M POLO, BARBARA A BELLI, SONDRA PI
          SCHLESINGER,
          PI SERGEY A DRYGA, ILVA PROLOV
          PC Cl2N
          CC Strandedness: Single;
          CC Topology: Linear;
          CC Recombinant alphavirus-based vectors with reduced inhibition
          CC of cellular
          CC macro-molecular synthesis
          FH Key
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Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 873 CACTTCTGTGAGTGTC 888
Db      1  CACGGTCTGTGAGTGTC 16

RESULT 434
BD089150/c
LOCUS    A method of arraying genome clone.
DEFINITION
ACCESSION BD089150
VERSION   BD089150.1 GI:22634760
KEYWORDS  JP 2001321190-A/1394.
SOURCE   synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 16)
AUTHORS  Soeda,E.
TITLE    A method of arraying genome clone
JOURNAL  Patent: JP 2001321190-A 1394 20-NOV-2001;
          THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
          GENOTECHS
          OS Artificial Sequence
          PN JP 2001321190-A/1394
          PD 20-NOV-2001

Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 873 CACTTCTGTGAGTGTC 888
Db      1  CACGGTCTGTGAGTGTC 16

RESULT 435
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LOCUS    A method of arraying genome clone.
DEFINITION
ACCESSION BD089150
VERSION   BD089150.1 GI:22634760
KEYWORDS  JP 2001321190-A/1394.
SOURCE   synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 16)
AUTHORS  Soeda,E.
TITLE    A method of arraying genome clone
JOURNAL  Patent: JP 2001321190-A 1394 20-NOV-2001;
          THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
          GENOTECHS
          OS Artificial Sequence
          PN JP 2001321190-A/1394
          PD 20-NOV-2001

Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 543 CTCCTAGGCTCCCA 558
Db      16 CTGCTTGGCTCACCA 1

RESULT 435
ATH524874 16 bp DNA linear PLN 29-MAR-2003
LOCUS    Arabidopsis thaliana T-DNA flanking sequence, left border, clone
DEFINITION
ACCESSION ATH524874
VERSION   AJ524874.1 GI:26793110
KEYWORDS  left border; T-DNA flanking sequence.
SOURCE    Arabidopsis thaliana (thale cress)
ORGANISM  Arabidopsis thaliana
          Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
          Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
          rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsi.
          1
          Brunaud,V., Balzerque,S., Dubreucq,B., Aubourg,S., Samson,F.,
          Chauvin,S., Bechtold,N., Cruaud,C., DeRose,R., Pelletier,G.,
          Lepiniec,L., Caboche,M. and Lecharny,A.
          T-DNA integration into the Arabidopsis genome depends on sequences
          of pre-insertion sites
          EMBO Rep. 3 (12), 1152-1157 (2002)
          2
          12446565
          2 (bases 1 to 16)
          Balzerque,S.
          Direct Submission
          Submitted (21-NOV-2002) Balzerque S., UMRGV, INRA/CNRS, 2 rue
          Gaston Cremieux, 91057 Evry cedex, FRANCE
          PCR was performed on DNA from transformants of Arabidopsis thaliana
          plants from INRA (Versailles). The DNA fragment(s) resulting from
          the PCR were directly sequenced from the left or the right border
          to determine the genomic sequence flanking the insertion. T-DNA
          derived sequences were removed. Information to order the
          corresponding mutant line and a link to a database providing a
          graphical display of the insertion site are available at
          http://dbgap.versailles.inra.fr/publiclines/. This sequence has
          been generated in the framework of the French plant genomics
          program 'Genoplante' (http://www.genoplante.com and
          http://genoplante-info.infobiogen.fr).
          Location/Qualifiers
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                /note="T-DNA flanking sequence
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FEATURES
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Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 651 AGACCTCAGTCTTTCT 666
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Db 1 AGATGTCAGTCTATCT 16

RESULT 436
AB069093/c
LOCUS
DEFINITION Synthetic construct DNA, reverse primer for human STS sts-D1S512 at
lp36.
ACCESSION AB069093
VERSION AB069093.1 GI:15129897
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
Chen, Y.Z., Hayaishi, Y., Wu, J.G., Takaoka, E., Maekawa, K.,
Watanabe, N., Inazawa, J., Hosoda, F., Arai, Y., Mizushima, H.,
Morohashi, A., Ohira, M., Nakagawara, A., Liu, S., Hoshi, M., Horii, A.
and Soeda, E.
TITLE A BAC-based STS-content map spanning a 35-Mb region of human
chromosome 1p35-p36
JOURNAL Genomics 74 (1), 55-70 (2001)
MEDLINE 21269192
PUBMED 11374902
REFERENCE 2 (bases 1 to 16)
AUTHORS Horii, A.
TITLE Direct Submission
JOURNAL Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,
Miyagi 980-8575, Japan (E-mail: horii@mail.cc.tohoku.ac.jp,
Tel: 81-22-717-8042, Fax: 81-22-717-8047)

FEATURES
Source
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1..16
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sts-D1S512 obtained from clones B277F18, B370B7, B133B1,
B137C2, B182L10, B247E16, B123L12, B200L1, B200L2,
B215B22, Human BAC library RPCI-11"

Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 543 CTCCTAGCGCTCCCA 558
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Db 16 CTGCTTGGCTCACCA 1

Search completed: March 8, 2004, 10:59:54
Job time : 3 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM nucleic - nucleic search, using sw model

Run on: March 8, 2004, 14:16:38 ; Search time 2 Seconds
(without alignments)
3.492 Million cell updates/sec

Title: us-10-016-149-3

Perfect score: 398

Sequence: 1 acaaccacagtaacatac.....gatgcactacttctcagct 398

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 0.5

Searched: 436 seqs, 8775 residues

Total number of hits satisfying chosen parameters: 872

Minimum DB seq length: 8

Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 436 summaries

Database : rnmp.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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C 4	22	5.5	22	1	US-08-091-941-16
C 5	22	5.5	22	1	US-08-463-958-16
C 6	22	5.5	22	1	US-08-651-405-16
C 7	20.2	5.1	25	1	US-60-507-511-202307
C 8	20	5.0	20	1	PCT-US02-34654A-48
C 9	20	5.0	20	1	PCT-US02-34654A-49
C 10	20	5.0	20	1	PCT-US02-34654A-50
C 11	20	5.0	20	1	PCT-US02-34654A-51
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C 18	20	5.0	20	1	PCT-US02-34654A-58
C 19	20	5.0	20	1	PCT-US02-34654A-59
C 20	20	5.0	20	1	PCT-US02-34654A-60
C 21	20	5.0	20	1	PCT-US02-34654A-61
C 22	20	5.0	20	1	PCT-US02-34654A-62
C 23	20	5.0	20	1	PCT-US02-34654A-63
C 24	20	5.0	20	1	PCT-US02-34654A-64
C 25	20	5.0	20	1	PCT-US02-34654A-65
C 26	20	5.0	20	1	PCT-US02-34654A-66
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C 28	20	5.0	20	1	PCT-US02-34654A-68
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C 79	19.8	5.0	25	1	US-09-953-115-25566
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C 83	18.8	4.7	25	1	US-10-355-577-225418
C 84	18.8	4.7	25	1	US-10-719-956-111947
C 85	18.6	4.7	25	1	US-09-956-584-4185
C 86	18.6	4.7	25	1	US-09-956-584-267379
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C 88	18.6	4.7	25	1	US-10-355-577-225418
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C 92	18.6	4.7	25	1	US-10-355-577-225418
C 93	18.6	4.7	25	1	US-10-719-956-111947
C 94	18.6	4.7	25	1	US-09-956-584-4185
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Sequence 74, Appl
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Sequence 76, Appl
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Sequence 75, Appl
Sequence 76, Appl
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Sequence 7878, Ap
Sequence 113924,
Sequence 113934,
Sequence 23460, A
Sequence 50928, A
Sequence 25566, A
Sequence 347566, A
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Sequence 41268, A
Sequence 31264, A
Sequence 310868,
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Sequence 818910,
Sequence 41268,
Sequence 30, Appl
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Sequence 294607,
Sequence 318021,

107	18.2	4.6	25	1	US-60-427-808-104043	Sequence 104043,	C 180	15.4	3.9	19	1	US-09-783-881-102	Sequence 102, App
108	18.2	4.6	25	1	US-60-427-808-104044	Sequence 104044,	C 181	15.4	3.9	19	1	US-10-349-143-6172	Sequence 6172, Ap
109	18.2	4.6	25	1	US-60-427-808-273275	Sequence 273275,	C 182	15.4	3.9	20	1	US-09-367-273-8	Sequence 8, Appl
110	18.2	4.6	25	1	US-60-427-836-50925	Sequence 50925, A	C 183	15.4	3.9	20	1	US-10-289-762-5931	Sequence 5931, Ap
111	18.2	4.6	25	1	US-60-507-481-106287	Sequence 106287,	C 184	15.4	3.9	20	1	US-10-310-188-12327	Sequence 12327, A
112	18.2	4.6	25	1	US-60-507-511-104423	Sequence 104423,	C 185	15.4	3.9	21	1	US-09-765-081-363	Sequence 363, App
113	18	4.5	25	1	US-10-719-900-256056	Sequence 256056,	C 186	15.4	3.9	21	1	US-09-957-641-11	Sequence 11, Appl
114	18	4.5	25	1	US-60-427-808-256056	Sequence 256056,	C 187	15.4	3.9	21	1	US-09-957-641-11	Sequence 11, Appl
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116	17.8	4.5	25	1	US-09-954-126A-355918	Sequence 355918,	C 189	15.2	3.8	20	1	PCT-US03-20865-3335	Sequence 3335, Ap
117	17.8	4.5	25	1	US-09-956-584-175754	Sequence 175754,	C 190	15.2	3.8	20	1	US-07-920-483B-183	Sequence 183, App
118	17.8	4.5	25	1	US-09-956-584-183457	Sequence 183457,	C 191	15.2	3.8	20	1	US-08-471-498-1	Sequence 1, Appl
119	17.8	4.5	25	1	US-09-956-584-298823	Sequence 298823,	C 192	15.2	3.8	20	1	US-10-144-577-18	Sequence 18, Appl
120	17.8	4.5	25	1	US-09-956-584-307865	Sequence 307865,	C 193	15.2	3.8	20	1	US-10-144-577-20	Sequence 20, Appl
121	17.8	4.5	25	1	US-10-719-956-81522	Sequence 81522, A	C 194	15.2	3.8	20	1	US-10-144-577-46	Sequence 46, Appl
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123	17.8	4.5	25	1	US-60-234-017-189436	Sequence 189436,	C 196	15.2	3.8	20	1	US-10-262-445-85	Sequence 85, Appl
124	17.8	4.5	25	1	US-60-234-017-315041	Sequence 315041,	C 197	15.2	3.8	20	1	US-10-298-123-32	Sequence 32, Appl
125	17.8	4.5	25	1	US-60-234-017-321630	Sequence 321630,	C 198	15.2	3.8	20	1	US-10-298-123-63	Sequence 63, Appl
126	17.8	4.5	25	1	US-60-427-836-81522	Sequence 81522, A	C 199	15.2	3.8	20	1	US-10-303-778-634	Sequence 634, App
127	17.8	4.5	25	1	US-09-292-779B-61	Sequence 61, Appl	C 200	15.2	3.8	20	1	US-10-315-765-29	Sequence 29, Appl
128	17.6	4.4	24	1	US-60-117-955-13	Sequence 13, Appl	C 201	15.2	3.8	20	1	PCT-US03-17676-47	Sequence 47, Appl
129	17.6	4.4	24	1	US-09-660-222-113916	Sequence 113916,	C 202	15.2	3.8	21	1	US-10-019-348-19	Sequence 19, Appl
130	17.6	4.4	25	1	US-09-953-115-25459	Sequence 25459, A	C 203	15.2	3.8	21	1	US-10-455-552-47	Sequence 47, Appl
131	17.6	4.4	25	1	US-09-953-570A-65549	Sequence 65549, A	C 204	15.2	3.8	21	1	US-10-751-736-181	Sequence 181, App
132	17.6	4.4	25	1	US-09-954-427A-111839	Sequence 111839,	C 205	15.2	3.8	21	1	US-10-751-736-182	Sequence 182, App
133	17.6	4.4	25	1	US-09-954-427A-458951	Sequence 458951,	C 206	15.2	3.8	21	1	US-10-751-736-12863	Sequence 12863, A
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136	17.6	4.4	25	1	US-09-956-584-4190	Sequence 4190, Ap	C 209	15.2	3.8	21	1	US-10-751-736-38368	Sequence 38368, A
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139	17.6	4.4	25	1	US-10-098-263B-83917	Sequence 83917, A	C 212	14.8	3.7	18	1	US-09-451-662-27	Sequence 27, Appl
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141	17.6	4.4	25	1	US-10-355-577-61721	Sequence 61721, A	C 214	14.8	3.7	19	1	PCT-US03-05045-247	Sequence 247, App
142	17.6	4.4	25	1	US-10-355-577-793156	Sequence 793156,	C 215	14.8	3.7	19	1	PCT-US03-05045-437	Sequence 437, App
143	17.6	4.4	25	1	US-10-719-900-347567	Sequence 347567,	C 216	14.8	3.7	19	1	PCT-US03-05045-496	Sequence 496, App
144	17.6	4.4	25	1	US-10-719-900-746526	Sequence 746526,	C 217	14.8	3.7	19	1	PCT-US03-05045-619	Sequence 619, App
145	17.6	4.4	25	1	US-10-719-956-136754	Sequence 136754,	C 218	14.8	3.7	19	1	PCT-US03-05045-926	Sequence 926, App
146	17.6	4.4	25	1	US-10-719-956-178211	Sequence 178211,	C 219	14.8	3.7	19	1	US-09-453-607A-2576	Sequence 2576, Ap
147	17.6	4.4	25	1	US-10-719-956-178211	Sequence 178211,	C 220	14.8	3.7	19	1	US-09-453-607C-2576	Sequence 2576, Ap
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151	17.6	4.4	25	1	US-60-234-017-201954	Sequence 201954,	C 224	14.8	3.7	19	1	US-10-251-117-488	Sequence 247, App
152	17.6	4.4	25	1	US-60-353-987-51223	Sequence 51223, A	C 225	14.8	3.7	19	1	US-10-251-117-437	Sequence 437, App
153	17.6	4.4	25	1	US-60-353-987-617217	Sequence 617217,	C 226	14.8	3.7	19	1	US-10-251-117-496	Sequence 496, App
154	17.6	4.4	25	1	US-60-353-987-793156	Sequence 793156,	C 227	14.8	3.7	19	1	US-10-251-117-673	Sequence 673, App
155	17.6	4.4	25	1	US-60-427-808-347567	Sequence 347567,	C 228	14.8	3.7	19	1	US-10-310-188-1972	Sequence 1972, Ap
156	17.6	4.4	25	1	US-60-427-808-746526	Sequence 746526,	C 229	14.8	3.7	19	1	US-10-310-188-58104	Sequence 58104, A
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161	17.6	4.4	25	1	US-60-507-511-40221	Sequence 40221, A	C 234	14.8	3.7	20	1	US-10-210-951-214	Sequence 214, App
162	17.2	4.3	22	1	US-10-310-188-42057	Sequence 42057, A	C 235	14.8	3.7	20	1	US-10-210-951-214	Sequence 214, App
163	17	4.2	17	1	US-10-310-188-40233	Sequence 40233, A	C 236	14.8	3.7	20	1	US-10-211-888-214	Sequence 214, App
164	16.8	4.2	21	1	US-10-266-090-42010	Sequence 42010, A	C 237	14.8	3.7	20	1	US-10-211-888-214	Sequence 214, App
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173	15.8	4.0	22	1	US-10-032-585-4849	Sequence 4849, Ap	C 246	14.8	3.7	21	1	US-10-349-143-4342	Sequence 4342, Ap
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178	15.4	3.9	19	1	US-09-297-576A-102	Sequence 102, App	C 251	14.4	3.6	17	1	US-10-303-778-15663	Sequence 15663, A
179	15.4	3.9	19	1	US-09-686-148-102	Sequence 102, App	C 252	14.4	3.6	17	1	US-10-310-188-30369	Sequence 30369, A

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C 255	14.4	3.6	17	1	US-60-328-205-1115	Sequence 1115, Ap	328	13.8	3.5	17	1	US-10-163-552-985	Sequence 985, Ap
C 256	14.4	3.6	17	1	US-60-328-205-1117	Sequence 1117, Ap	329	13.8	3.5	17	1	US-10-303-778-15561	Sequence 15561, A
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C 262	14.4	3.6	20	1	US-09-514-000-8881	Sequence 8881, Ap	335	13.8	3.5	17	1	US-10-669-841-733	Sequence 733, Ap
C 263	14.4	3.6	20	1	US-09-749-7288-58	Sequence 881, Ap	336	13.8	3.5	17	1	US-10-669-841-1579	Sequence 1579, Ap
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C 265	14.4	3.6	20	1	US-09-986-381-6	Sequence 48, Ap	338	13.8	3.5	17	1	US-10-675-685-619	Sequence 619, Ap
C 266	14.4	3.6	20	1	US-10-647-918-446	Sequence 6, Appli	339	13.8	3.5	17	1	US-10-723-361-911	Sequence 911, Ap
C 267	14.4	3.6	20	1	US-10-652-795-446	Sequence 446, Ap	340	13.8	3.5	17	1	US-10-724-270-5640	Sequence 5640, Ap
C 268	14.2	3.6	19	1	PCT-US03-04123-150	Sequence 446, Ap	341	13.8	3.5	18	1	US-08-168-9208-24	Sequence 24, Appli
C 269	14.2	3.6	19	1	PCT-US03-04123-335	Sequence 150, Ap	342	13.8	3.5	18	1	US-09-864-426A-693	Sequence 693, Ap
C 270	14.2	3.6	19	1	PCT-US03-16651-376	Sequence 335, Ap	343	13.8	3.5	18	1	US-09-864-426A-1694	Sequence 1694, Ap
C 271	14.2	3.6	19	1	US-09-508-159A-29	Sequence 376, Ap	344	13.8	3.5	18	1	US-09-864-636A-693	Sequence 693, Ap
C 272	14.2	3.6	19	1	US-10-206-705-150	Sequence 29, Appli	345	13.8	3.5	18	1	US-09-864-636A-1687	Sequence 1687, Ap
C 273	14.2	3.6	19	1	US-10-206-705-335	Sequence 150, Ap	346	13.8	3.5	18	1	US-09-864-636A-1684	Sequence 1684, Ap
C 274	14.2	3.6	19	1	US-10-206-705A-335	Sequence 150, Ap	347	13.8	3.5	18	1	US-10-084-839-693	Sequence 693, Ap
C 275	14.2	3.6	19	1	US-10-310-188-33247	Sequence 335, Ap	348	13.8	3.5	18	1	US-10-084-839-693	Sequence 693, Ap
C 276	14.2	3.6	19	1	US-10-444-925-376	Sequence 33247, A	349	13.8	3.5	18	1	US-10-084-839-693	Sequence 693, Ap
C 277	14.2	3.6	20	1	PCT-US00-04340-68	Sequence 376, Ap	350	13.8	3.5	18	1	US-10-084-839-693	Sequence 693, Ap
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C 279	14.2	3.6	20	1	PCT-US01-48341-13	Sequence 13, Appli	352	13.8	3.5	18	1	US-10-303-778-12363	Sequence 12363, A
C 280	14.2	3.6	20	1	PCT-US03-20865-3376	Sequence 3376, Ap	353	13.8	3.5	18	1	US-10-303-778-12363	Sequence 12363, A
C 281	14.2	3.6	20	1	PCT-US03-20865-3383	Sequence 3383, Ap	354	13.8	3.5	18	1	US-10-303-778-12363	Sequence 12363, A
C 282	14.2	3.6	20	1	PCT-US03-30374-846	Sequence 846, Ap	355	13.8	3.5	18	1	US-10-303-778-12363	Sequence 12363, A
C 283	14.2	3.6	20	1	PCT-US03-30374-922	Sequence 922, Ap	356	13.8	3.5	18	1	US-10-303-778-12363	Sequence 12363, A
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C 289	14.2	3.6	20	1	US-09-135-309-6	Sequence 6, Appli	362	13.8	3.5	19	1	US-10-303-778-12363	Sequence 12363, A
C 290	14.2	3.6	20	1	US-09-446-024-22	Sequence 22, Appli	363	13.8	3.5	19	1	US-10-303-778-12363	Sequence 12363, A
C 291	14.2	3.6	20	1	US-09-446-024-22	Sequence 22, Appli	364	13.8	3.5	19	1	US-10-303-778-12363	Sequence 12363, A
C 292	14.2	3.6	20	1	US-09-507-209-68	Sequence 68, Appli	365	13.8	3.5	19	1	US-10-303-778-12363	Sequence 12363, A
C 293	14.2	3.6	20	1	US-09-611-526-4281	Sequence 4281, Ap	366	13.8	3.5	19	1	US-10-303-778-12363	Sequence 12363, A
C 294	14.2	3.6	20	1	US-09-742-482-13	Sequence 13, Appli	367	13.8	3.5	19	1	US-10-303-778-12363	Sequence 12363, A
C 295	14.2	3.6	20	1	US-09-759-287A-2	Sequence 2, Appli	368	13.8	3.5	19	1	US-10-303-778-12363	Sequence 12363, A
C 296	14.2	3.6	20	1	US-10-176-277-15	Sequence 15, Appli	369	13.8	3.5	19	1	US-10-303-778-12363	Sequence 12363, A
C 297	14.2	3.6	20	1	US-10-176-277-52	Sequence 52, Appli	370	13.8	3.5	19	1	US-10-303-778-12363	Sequence 12363, A
C 298	14.2	3.6	20	1	US-10-206-406A-1	Sequence 1, Appli	371	13.8	3.5	19	1	US-10-303-778-12363	Sequence 12363, A
C 299	14.2	3.6	20	1	US-10-298-123-35	Sequence 35, Appli	372	13.8	3.5	19	1	US-10-303-778-12363	Sequence 12363, A
C 300	14.2	3.6	20	1	US-10-298-123-66	Sequence 66, Appli	373	13.8	3.5	19	1	US-10-303-778-12363	Sequence 12363, A
C 301	14.2	3.6	20	1	US-10-303-778-6651	Sequence 6651, Ap	374	13.8	3.5	19	1	US-10-303-778-12363	Sequence 12363, A
C 302	14.2	3.6	20	1	US-10-316-242-36	Sequence 36, Appli	375	13.8	3.5	19	1	US-10-303-778-12363	Sequence 12363, A
C 303	14.2	3.6	20	1	US-10-317-270-59	Sequence 59, Appli	376	13.8	3.5	19	1	US-10-303-778-12363	Sequence 12363, A
C 304	14.2	3.6	20	1	US-10-317-270-132	Sequence 132, Appli	377	13.8	3.5	19	1	US-10-303-778-12363	Sequence 12363, A
C 305	14.2	3.6	20	1	US-10-671-395-846	Sequence 846, Ap	378	13.8	3.5	19	1	US-10-303-778-12363	Sequence 12363, A
C 306	14.2	3.6	20	1	US-10-671-395-922	Sequence 922, Ap	379	13.8	3.5	19	1	US-10-303-778-12363	Sequence 12363, A
C 307	14.2	3.6	20	1	US-60-216-745-11123	Sequence 11123, A	380	13.8	3.5	19	1	US-10-303-778-12363	Sequence 12363, A
C 308	14	3.5	20	1	US-09-000-004A-5	Sequence 5, Appli	381	13.8	3.5	19	1	US-10-303-778-12363	Sequence 12363, A
C 309	13.8	3.5	17	1	PCT-US02-16840-5640	Sequence 5640, Ap	382	13.8	3.5	19	1	US-10-303-778-12363	Sequence 12363, A
C 310	13.8	3.5	17	1	PCT-US02-16840A-5640	Sequence 5640, Ap	383	13.8	3.5	19	1	US-10-303-778-12363	Sequence 12363, A
C 311	13.8	3.5	17	1	US-08-435-632-1573	Sequence 1573, Ap	384	13.8	3.5	19	1	US-10-303-778-12363	Sequence 12363, A
C 312	13.8	3.5	17	1	US-08-777-920-1573	Sequence 1573, Ap	385	13.8	3.5	19	1	US-10-303-778-12363	Sequence 12363, A
C 313	13.8	3.5	17	1	US-09-531-025A-733	Sequence 733, Ap	386	13.8	3.5	19	1	US-10-303-778-12363	Sequence 12363, A
C 314	13.8	3.5	17	1	US-09-531-025A-1579	Sequence 1579, Ap	387	13.8	3.5	19	1	US-10-303-778-12363	Sequence 12363, A
C 315	13.8	3.5	17	1	US-09-636-385-733	Sequence 733, Ap	388	13.8	3.5	19	1	US-10-303-778-12363	Sequence 12363, A
C 316	13.8	3.5	17	1	US-09-636-385-1579	Sequence 1579, Ap	389	13.8	3.5	19	1	US-10-303-778-12363	Sequence 12363, A
C 317	13.8	3.5	17	1	US-09-636-347-733	Sequence 733, Ap	390	13.8	3.5	19	1	US-10-303-778-12363	Sequence 12363, A
C 318	13.8	3.5	17	1	US-09-636-347-1579	Sequence 1579, Ap	391	13.8	3.5	19	1	US-10-303-778-12363	Sequence 12363, A
C 319	13.8	3.5	17	1	US-09-825-805-558	Sequence 558, Ap	392	13.8	3.5	19	1	US-10-303-778-12363	Sequence 12363, A
C 320	13.8	3.5	17	1	US-09-848-754A-3386	Sequence 3386, Ap	393	13.8	3.5	19	1	US-10-303-778-12363	Sequence 12363, A
C 321	13.8	3.5	17	1	US-09-848-754A-3387	Sequence 3387, Ap	394	13.8	3.5	19	1	US-10-303-778-12363	Sequence 12363, A
C 322	13.8	3.5	17	1	US-09-848-754A-3388	Sequence 3388, Ap	395	13.8	3.5	19	1	US-10-303-778-12363	Sequence 12363, A
C 323	13.8	3.5	17	1	US-09-877-478-733	Sequence 733, Ap	396	13.8	3.5	19	1	US-10-303-778-12363	Sequence 12363, A
C 324	13.8	3.5	17	1	US-09-877-478-1579	Sequence 1579, Ap	397	13.8	3.5	19	1	US-10-303-778-12363	Sequence 12363, A
C 325	13.8	3.5	17	1	US-10-017-974-6517	Sequence 6517, Ap	398	13.8	3.5	19	1	US-10-303-778-12363	Sequence 12363, A

399 13.4 3.4 17 1 US-10-310-188-34575 Sequence 34575, A
400 13.4 3.4 17 1 US-10-310-188-43890 Sequence 43890, A
401 13.4 3.4 17 1 US-10-338-777-323 Sequence 363, App
402 13.4 3.4 17 1 US-10-430-882-461 Sequence 461, App
403 13.4 3.4 17 1 US-10-430-882-744 Sequence 744, App
404 13.4 3.4 17 1 US-10-471-271-461 Sequence 461, App
405 13.4 3.4 17 1 US-10-471-271-744 Sequence 744, App
406 13.4 3.4 17 1 US-10-623-107-787 Sequence 787, App
407 13.4 3.4 17 1 US-10-623-107-788 Sequence 788, App
408 13.4 3.4 17 1 US-10-678-154-486 Sequence 486, App
409 13.4 3.4 17 1 US-10-681-074-787 Sequence 787, App
410 13.4 3.4 17 1 US-10-681-074-788 Sequence 788, App
411 13.4 3.4 17 1 US-10-723-361-2137 Sequence 2137, App
412 13.4 3.4 17 1 US-10-723-361-2138 Sequence 2138, App
413 13.4 3.4 17 1 US-10-723-361-2139 Sequence 2139, App
414 13.4 3.4 17 1 US-10-767-154-486 Sequence 486, App
415 13.4 3.4 17 1 US-60-328-205-1114 Sequence 1114, App
416 13.4 3.4 17 1 US-60-328-205-1118 Sequence 1118, App
417 13.4 3.4 18 1 PCT-US99-23171-85 Sequence 85, Appl
418 13.4 3.4 18 1 US-09-295-487A-8 Sequence 8, Appl
419 13.4 3.4 18 1 US-09-295-487B-8 Sequence 8, Appl
420 13.4 3.4 18 1 US-09-295-487C-8 Sequence 8, Appl
421 13.4 3.4 18 1 US-10-067-125-85 Sequence 85, Appl
422 13.4 3.4 18 1 US-10-293-338-954 Sequence 954, App
423 13.4 3.4 18 1 US-10-310-188-27166 Sequence 27166, A
424 13.4 3.4 18 1 US-10-310-188-85078 Sequence 85078, A
425 13.4 3.4 18 1 US-10-349-143-8403 Sequence 8403, App
426 13.4 3.4 18 1 US-60-216-745-9481 Sequence 9481, App
427 13.4 3.4 19 1 PCT-US03-16651-320 Sequence 320, App
428 13.4 3.4 19 1 PCT-US03-16651-321 Sequence 321, App
429 13.4 3.4 19 1 US-10-303-778-14621 Sequence 14621, A
430 13.4 3.4 19 1 US-10-310-188-26928 Sequence 26928, A
431 13.4 3.4 19 1 US-10-310-188-58772 Sequence 58772, A
432 13.4 3.4 19 1 US-10-310-188-58772 Sequence 58772, A
433 13.4 3.4 19 1 US-10-310-188-60432 Sequence 60432, A
434 13.4 3.4 19 1 US-10-310-188-61099 Sequence 61099, A
435 13.4 3.4 19 1 US-10-313-211-12 Sequence 12, Appl
436 13.4 3.4 19 1 US-10-444-925-320 Sequence 320, App
437 13.4 3.4 19 1 US-10-444-925-321 Sequence 321, App

ALIGNMENTS

RESULT 1
US-09-676-052-47/c
; Sequence 47, Application US/09676052
; GENERAL INFORMATION:
; APPLICANT: Skinner, Michael K.
; TITLE OF INVENTION: A METHOD OF DETERMINING TUMOR CHARACTERISTICS BY
; TITLE OF INVENTION: DETERMINING ABNORMAL COPY NUMBER OR EXPRESSION LEVEL OF
; TITLE OF INVENTION: LIPID-ASSOCIATED GENES
; FILE REFERENCE: PATRICK EAGLEMAN: EMBOL-X 252/124
; CURRENT APPLICATION NUMBER: US/09/676,052
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Miscellaneous
; OTHER INFORMATION: reverse primer
US-09-676-052-47

Query Match 6.0%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 16;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 717 GGAGAGTGAAGTCTGGTCATAGGAC 740
|||
Db 24 GGAGAGTGAAGTCTGGTCATAGGAC 1

RESULT 2
US-10-646-843-47/c
; Sequence 47, Application US/10646843
; GENERAL INFORMATION:
; APPLICANT: Skinner, Michael K.
; APPLICANT: Patton, Jodi L.
; TITLE OF INVENTION: A METHOD OF DETERMINING TUMOR CHARACTERISTICS BY
; TITLE OF INVENTION: DETERMINING ABNORMAL COPY NUMBER OR EXPRESSION LEVEL OF
; TITLE OF INVENTION: LIPID-ASSOCIATED GENES
; FILE REFERENCE: PATRICK EAGLEMAN: EMBOL-X 252/124
; CURRENT APPLICATION NUMBER: US/10/646,843
; CURRENT FILING DATE: 2003-08-25
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Miscellaneous
; OTHER INFORMATION: reverse primer
US-10-646-843-47

Query Match 6.0%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 16;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 717 GGAGAGTGAAGTCTGGTCATAGGAC 740
|||
Db 24 GGAGAGTGAAGTCTGGTCATAGGAC 1

RESULT 3
US-10-647-426-47/c
; Sequence 47, Application US/10647426
; GENERAL INFORMATION:
; APPLICANT: Skinner, Michael K.
; APPLICANT: Patton, Jodi L.
; TITLE OF INVENTION: A METHOD OF DETERMINING TUMOR CHARACTERISTICS BY
; TITLE OF INVENTION: DETERMINING ABNORMAL COPY NUMBER OR EXPRESSION LEVEL OF
; TITLE OF INVENTION: LIPID-ASSOCIATED GENES
; FILE REFERENCE: PATRICK EAGLEMAN: EMBOL-X 252/124
; CURRENT APPLICATION NUMBER: US/10/647,426
; PRIOR FILING DATE: 2003-08-26
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Miscellaneous
; OTHER INFORMATION: reverse primer
US-10-647-426-47

Query Match 6.0%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 16;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 717 GGAGAGTGAAGTCTGGTCATAGGAC 740
|||
Db 24 GGAGAGTGAAGTCTGGTCATAGGAC 1

RESULT 4
US-08-091-941-16/c
; Sequence 16, Application US/08091941

```
/
/ GENERAL INFORMATION:
/ APPLICANT: Tischfield, Jay A.
/ APPLICANT: Seilhamer, Jeff
/ TITLE OF INVENTION: Mammalian Phospholipase A2 Nucleotide
/ TITLE OF INVENTION: Sequences and Low Molecular Weight Amino Acid Sequences
/ TITLE OF INVENTION: Encoded Thereby
/ NUMBER OF SEQUENCES: 40
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Ruden, Barnett, McClosky, Smith, Schuster &
/ ADDRESSEE: Russell PA
/ STREET: 200 East Broward Boulevard
/ CITY: Fort Lauderdale
/ STATE: FL
/ COUNTRY: USA
/ ZIP: 33301
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/091,941
/ FILING DATE: 15-JUL-1993
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Manso, Peter J.
/ REGISTRATION NUMBER: 32,264
/ REFERENCE/DOCKET NUMBER: IN21044-3
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 305-527-2498
/ TELEFAX: 305-764-4996
/ INFORMATION FOR SEQ ID NO: 16:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 22 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cdna
/ US-08-091-941-16

Query Match 5.5%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 26;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 522 ATACTTCCCAACATCCTCTGC 543
Db 22 ATACTTCCCAACATCCTCTGC 1

RESULT 5
US-08-463-958-16/c
; Sequence 16, Application US/08463958
; GENERAL INFORMATION:
; APPLICANT: Tischfield, Jay A.
; APPLICANT: Seilhamer, Jeffrey J.
; TITLE OF INVENTION: Mammalian Phospholipase A2 Nucleotide
; TITLE OF INVENTION: Sequences and Low Molecular Weight Amino Acid Sequences
; TITLE OF INVENTION: Encoded Thereby, Antisense Sequences and Nucleotide
; TITLE OF INVENTION: Sequences Having Internal Ribosome Binding Sites
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ruden, Barnett, McClosky, Smith, Schuster &
; ADDRESSEE: Russell PA
; STREET: 200 East Broward Boulevard
; CITY: Fort Lauderdale
; STATE: FL
; COUNTRY: USA
; ZIP: 33301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/651,405
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/097,354
; FILING DATE: 26-JUL-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Manso, Peter J.
; REGISTRATION/DOCKET NUMBER: IN21044-5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 305-527-2498
; TELEFAX: 305-764-4996
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
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```
/
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/463,958
/ FILING DATE:
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/097,354
/ FILING DATE: 26-JUL-1993
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Manso, Peter J.
/ REGISTRATION NUMBER: 32,264
/ REFERENCE/DOCKET NUMBER: IN21044-5
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 305-527-2498
/ TELEFAX: 305-764-4996
/ INFORMATION FOR SEQ ID NO: 16:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 22 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cdna
/ US-08-463-958-16

Query Match 5.5%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 26;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 522 ATACTTCCCAACATCCTCTGC 543
Db 22 ATACTTCCCAACATCCTCTGC 1

RESULT 6
US-08-651-405-16/c
; Sequence 16, Application US/08651405
; GENERAL INFORMATION:
; APPLICANT: Tischfield, Jay A.
; APPLICANT: Seilhamer, Jeffrey J.
; TITLE OF INVENTION: Mammalian Phospholipase A2 Nucleotide
; TITLE OF INVENTION: Sequences and Low Molecular Weight Amino Acid Sequences
; TITLE OF INVENTION: Encoded Thereby, Antisense Sequences and Nucleotide
; TITLE OF INVENTION: Sequences Having Internal Ribosome Binding Sites
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ruden, Barnett, McClosky, Smith, Schuster &
; ADDRESSEE: Russell PA
; STREET: 200 East Broward Boulevard
; CITY: Fort Lauderdale
; STATE: FL
; COUNTRY: USA
; ZIP: 33301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/651,405
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/097,354
; FILING DATE: 26-JUL-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Manso, Peter J.
; REGISTRATION/DOCKET NUMBER: IN21044-5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 305-527-2498
; TELEFAX: 305-764-4996
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-651-405-16

Query Match 5.5%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 26;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 522 ATACTTCCCAACATCTCTGTC 543
DB 22 ATACTTCCCAACATCTCTGTC 1

RESULT 7

US-60-507-511-202307/c
Sequence 20307, Application US/60507511

GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Mounts, William M
TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION ASSOCIATED WITH
FILE REFERENCE: AM 101081
CURRENT APPLICATION NUMBER: US/60/507,511
CURRENT FILING DATE: 2003-10-02
NUMBER OF SEQ ID NOS: 203623
SOFTWARE: PatentIn version 3.2
SEQ ID NO 202307
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-60-507-511-202307

Query Match 5.1%; Score 20.2; DB 1; Length 25;
Best Local Similarity 88.0%; Pred. No. 51;
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 789 TCTGTGCGCAGAGCTCTCTCCAA 813
DB 25 TCTGTGCGCAGAGCTCTCTCCAA 1

RESULT 8

PCT-US02-34654A-48/c
Sequence 48, Application PC/TUS0234654A

GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
FILE REFERENCE: RTSP-0427
CURRENT APPLICATION NUMBER: PCT/US02/34654A
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: 10/016,149
PRIOR FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 48
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-48

Query Match 5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 507 CAACCCACAGTACCAATCT 526
DB 20 CAACCCACAGTACCAATCT 1

RESULT 9

PCT-US02-34654A-49/c
Sequence 49, Application PC/TUS0234654A

GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
APPLICANT: Isis Pharmaceuticals, Inc.
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
FILE REFERENCE: RTSP-0427
CURRENT APPLICATION NUMBER: PCT/US02/34654A
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: 10/016,149
PRIOR FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 49
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-49

Query Match 5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 511 CCACAGTACCAATCTTTC 530
DB 20 CCACAGTACCAATCTTTC 1

RESULT 10

PCT-US02-34654A-50/c

Sequence 50, Application PC/TUS0234654A
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
FILE REFERENCE: RTSP-0427
CURRENT APPLICATION NUMBER: PCT/US02/34654A
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: 10/016,149
PRIOR FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 50
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-50

Query Match 5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 570 CCAGACCAAGACTTTTGTTC 589
DB 20 CCAGACCAAGACTTTTGTTC 1

RESULT 11

PCT-US02-34654A-51/c

Sequence 51, Application PC/TUS0234654A
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
APPLICANT: Isis Pharmaceuticals, Inc.

```
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTSP-0427
; CURRENT APPLICATION NUMBER: PCT/US02/34654A
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: 10/016,149
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-51

Query Match      5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      586 GTTCTGTTTCTTCTACACAC 605
Db      20 GTTCTGTTTCTTCTACACAC 1

RESULT 12
PCT-US02-34654A-52/c
; Sequence 52, Application PC/TUS0234654A
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
; FILE REFERENCE: RTSP-0427
; CURRENT APPLICATION NUMBER: PCT/US02/34654A
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: 10/016,149
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-52

Query Match      5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      594 TTCTTACACACAGACTACT 613
Db      20 TTCTTACACACAGACTACT 1

RESULT 13
PCT-US02-34654A-53/c
; Sequence 53, Application PC/TUS0234654A
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
; FILE REFERENCE: RTSP-0427
; CURRENT APPLICATION NUMBER: PCT/US02/34654A
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: 10/016,149
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 53
```

```
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-53

Query Match      5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      600 CAACACAGACTACTGACTCT 619
Db      20 CAACACAGACTACTGACTCT 1

RESULT 14
PCT-US02-34654A-54/c
; Sequence 54, Application PC/TUS0234654A
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
; FILE REFERENCE: RTSP-0427
; CURRENT APPLICATION NUMBER: PCT/US02/34654A
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: 10/016,149
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-54

Query Match      5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      616 CTCTGCTGTTCTCTGAGAG 635
Db      20 CTCTGCTGTTCTCTGAGAG 1

RESULT 15
PCT-US02-34654A-55/c
; Sequence 55, Application PC/TUS0234654A
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
; FILE REFERENCE: RTSP-0427
; CURRENT APPLICATION NUMBER: PCT/US02/34654A
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: 10/016,149
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-55

Query Match      5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
```

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 641 CCTAAGTCACAGACTCGT 660
Db 20 CCTAAGTCACAGACTCGT 1

RESULT 16

PCT-US02-34654A-56/c

; Sequence 56, Application PC/TUS0234654A

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Jacquesline Wyatt

; APPLICANT: Isis Pharmaceuticals, Inc.

; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)

; FILE REFERENCE: RTSP-0427

; CURRENT APPLICATION NUMBER: PCT/US02/34654A

; PRIOR FILING DATE: 2003-02-28

; PRIOR APPLICATION NUMBER: 10/016,149

; PRIOR FILING DATE: 2001-11-01

; NUMBER OF SEQ ID NOS: 84

; SEQ ID NO 56

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

PCT-US02-34654A-56

Query Match 5.0%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 42;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 656 TCAGTCTTCTCGAAGCTTG 675

Db 20 TCAGTCTTCTCGAAGCTTG 1

RESULT 17

PCT-US02-34654A-57/c

; Sequence 57, Application PC/TUS0234654A

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Jacquesline Wyatt

; APPLICANT: Isis Pharmaceuticals, Inc.

; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)

; FILE REFERENCE: RTSP-0427

; CURRENT APPLICATION NUMBER: PCT/US02/34654A

; PRIOR FILING DATE: 2003-02-28

; PRIOR APPLICATION NUMBER: 10/016,149

; PRIOR FILING DATE: 2001-11-01

; NUMBER OF SEQ ID NOS: 84

; SEQ ID NO 57

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

PCT-US02-34654A-57

Query Match 5.0%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 42;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 662 TTTCTCGAAGCTTGGCGGAC 681

Db 20 TTTCTCGAAGCTTGGCGGAC 1

RESULT 18

PCT-US02-34654A-58/c

; Sequence 58, Application PC/TUS0234654A

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Jacquesline Wyatt

; APPLICANT: Isis Pharmaceuticals, Inc.

; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)

; FILE REFERENCE: RTSP-0427

; CURRENT APPLICATION NUMBER: PCT/US02/34654A

; PRIOR FILING DATE: 2003-02-28

; PRIOR APPLICATION NUMBER: 10/016,149

; PRIOR FILING DATE: 2001-11-01

; NUMBER OF SEQ ID NOS: 84

; SEQ ID NO 58

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

PCT-US02-34654A-58

Query Match 5.0%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 42;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 687 GGGCCACACTGTACCTCCA 706

Db 20 GGGCCACACTGTACCTCCA 1

RESULT 19

PCT-US02-34654A-59/c

; Sequence 59, Application PC/TUS0234654A

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Jacquesline Wyatt

; APPLICANT: Isis Pharmaceuticals, Inc.

; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)

; FILE REFERENCE: RTSP-0427

; CURRENT APPLICATION NUMBER: PCT/US02/34654A

; PRIOR FILING DATE: 2003-02-28

; PRIOR APPLICATION NUMBER: 10/016,149

; PRIOR FILING DATE: 2001-11-01

; NUMBER OF SEQ ID NOS: 84

; SEQ ID NO 59

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

PCT-US02-34654A-59

Query Match 5.0%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 42;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 694 ACTGTACCTCCAGCGAGTC 713

Db 20 ACTGTACCTCCAGCGAGTC 1

RESULT 20

PCT-US02-34654A-60/c

; Sequence 60, Application PC/TUS0234654A

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Jacquesline Wyatt

; APPLICANT: Isis Pharmaceuticals, Inc.

; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)

; FILE REFERENCE: RTSP-0427

; CURRENT APPLICATION NUMBER: PCT/US02/34654A

; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: 10/016,149
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 60
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-60

Query Match 5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 702 CTCGAGGAGTCCGAGGAGA 721
Db 20 CTCGAGGAGTCCGAGGAGA 1

RESULT 21

PCT-US02-34654A-61/c
; Sequence 61, Application PC/TUS0234654A
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacquelline Wyatt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
; FILE REFERENCE: RTSP-0427
; CURRENT APPLICATION NUMBER: PCT/US02/34654A
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: 10/016,149
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-61

Query Match 5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 703 TCCAGCGAGTCCGAGGAG 722
Db 20 TCCAGCGAGTCCGAGGAG 1

RESULT 22

PCT-US02-34654A-62/c
; Sequence 62, Application PC/TUS0234654A
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacquelline Wyatt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
; FILE REFERENCE: RTSP-0427
; CURRENT APPLICATION NUMBER: PCT/US02/34654A
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: 10/016,149
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-62

Query Match 5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 710 AGTCCGAGGAGTGACTCT 729
Db 20 AGTCCGAGGAGTGACTCT 1

RESULT 23

PCT-US02-34654A-63/c
; Sequence 63, Application PC/TUS0234654A
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacquelline Wyatt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
; FILE REFERENCE: RTSP-0427
; CURRENT APPLICATION NUMBER: PCT/US02/34654A
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: 10/016,149
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-63

Query Match 5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 728 CTGGTCATAGGACTTGGTAG 747
Db 20 CTGGTCATAGGACTTGGTAG 1

RESULT 24

PCT-US02-34654A-64/c
; Sequence 64, Application PC/TUS0234654A
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacquelline Wyatt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
; FILE REFERENCE: RTSP-0427
; CURRENT APPLICATION NUMBER: PCT/US02/34654A
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: 10/016,149
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-64

Query Match 5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 731 GTCATAGGACTTGGTAGGT 750
Db 20 GTCATAGGACTTGGTAGGT 1

Query Match	5.0%;	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%;	Pred. No. 42;		
Matches 20;	Conservative	0;	Mismatches	0;
Indels				
QY	837	TCTTCTCTGAAGACAGCGTC	856	
DB	20	TCTTCTCTGAAGACAGCGTC	1	

PCT-US02-34654A-74/c
; Sequence 74, Application PC/TUS0234654A
; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Jacqueline Wyatt

; APPLICANT: Isis Pharmaceuticals, Inc.

; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)

; FILE REFERENCE: RTSP-0427

; CURRENT APPLICATION NUMBER: PCT/US02/34654A
; CURRENT FILING DATE: 2003-02-28

; PRIOR APPLICATION NUMBER: 10/016,149

; PRIOR FILING DATE: 2001-11-01

; NUMBER OF SEQ ID NOS: 84

; SEQ ID NO 74

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

PCT-US02-34654A-74

Query Match 5.0%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 42;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 854 GTCCCTGGCTCCAGTTGGAAAC 873

|||||

Db 20 GTCCCTGGCTCCAGTTGGAAAC 1

RESULT 35

PCT-US02-34654A-75/c

; Sequence 75, Application PC/TUS0234654A

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Jacqueline Wyatt

; APPLICANT: Isis Pharmaceuticals, Inc.

; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)

; FILE REFERENCE: RTSP-0427

; CURRENT APPLICATION NUMBER: PCT/US02/34654A
; CURRENT FILING DATE: 2003-02-28

; PRIOR APPLICATION NUMBER: 10/016,149

; PRIOR FILING DATE: 2001-11-01

; NUMBER OF SEQ ID NOS: 84

; SEQ ID NO 75

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

PCT-US02-34654A-75

Query Match 5.0%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 42;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 861 CTCACGTTGGAACACTTTCC 880

|||||

Db 20 CTCACGTTGGAACACTTTCC 1

RESULT 36

PCT-US02-34654A-76/c

; Sequence 76, Application PC/TUS0234654A

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Jacqueline Wyatt

; APPLICANT: Isis Pharmaceuticals, Inc.

; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)

; FILE REFERENCE: RTSP-0427

; CURRENT APPLICATION NUMBER: PCT/US02/34654A

; CURRENT FILING DATE: 2003-02-28

; PRIOR APPLICATION NUMBER: 10/016,149

; PRIOR FILING DATE: 2001-11-01

; NUMBER OF SEQ ID NOS: 84

; SEQ ID NO 76

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

PCT-US02-34654A-76

Query Match 5.0%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 42;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 865 AGTTGGAACACTTTCTCTGAG 884

|||||

Db 20 AGTTGGAACACTTTCTCTGAG 1

RESULT 37

PCT-US02-34654A-77/c

; Sequence 77, Application PC/TUS0234654A

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Jacqueline Wyatt

; APPLICANT: Isis Pharmaceuticals, Inc.

; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)

; FILE REFERENCE: RTSP-0427

; CURRENT APPLICATION NUMBER: PCT/US02/34654A

; CURRENT FILING DATE: 2003-02-28

; PRIOR APPLICATION NUMBER: 10/016,149

; PRIOR FILING DATE: 2001-11-01

; NUMBER OF SEQ ID NOS: 84

; SEQ ID NO 77

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

PCT-US02-34654A-77

Query Match 5.0%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 42;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 871 AACACTTTCTCTGAGATGCAC 890

|||||

Db 20 AACACTTTCTCTGAGATGCAC 1

RESULT 38

PCT-US02-34654A-78/c

; Sequence 78, Application PC/TUS0234654A

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Jacqueline Wyatt

; APPLICANT: Isis Pharmaceuticals, Inc.

; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)

; FILE REFERENCE: RTSP-0427

; CURRENT APPLICATION NUMBER: PCT/US02/34654A

; CURRENT FILING DATE: 2003-02-28

; PRIOR APPLICATION NUMBER: 10/016,149

; PRIOR FILING DATE: 2001-11-01

; NUMBER OF SEQ ID NOS: 84

; SEQ ID NO 78

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-78

Query Match 5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 878 TCTGAGATGCACCTACTTCTC 897

Db 20 TCTGAGATGCACCTACTTCTC 1

RESULT 39

PCT-US02-34654A-79/c

; Sequence 79, Application PC/TUS0234654A

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Jacqueline Wyatt

; APPLICANT: Isis Pharmaceuticals, Inc.

; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)

; FILE REFERENCE: RTSP-0427

; CURRENT APPLICATION NUMBER: PCT/US02/34654A

; CURRENT FILING DATE: 2003-02-28

; PRIOR APPLICATION NUMBER: 10/016,149

; PRIOR FILING DATE: 2001-11-01

; NUMBER OF SEQ ID NOS: 84

; SEQ ID NO 79

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

PCT-US02-34654A-79

Query Match 5.0%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 42;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 880 CTGAGATGCACCTACTTCTC 899

Db 20 CTGAGATGCACCTACTTCTC 1

RESULT 40

PCT-US02-34654A-80/c

; Sequence 80, Application PC/TUS0234654A

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Jacqueline Wyatt

; APPLICANT: Isis Pharmaceuticals, Inc.

; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)

; FILE REFERENCE: RTSP-0427

; CURRENT APPLICATION NUMBER: PCT/US02/34654A

; CURRENT FILING DATE: 2003-02-28

; PRIOR APPLICATION NUMBER: 10/016,149

; PRIOR FILING DATE: 2001-11-01

; NUMBER OF SEQ ID NOS: 84

; SEQ ID NO 80

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

PCT-US02-34654A-80

Query Match 5.0%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 42;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 884 GATGCACCTACTTCTCAGCT 903

Db 20 GATGCACCTACTTCTCAGCT 1

RESULT 41

US-10-016-149-48/c

; Sequence 48, Application US/10016149

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-

; FILE REFERENCE: RTSP-0325

; CURRENT APPLICATION NUMBER: US/10/016,149

; CURRENT FILING DATE: 2001-11-01

; NUMBER OF SEQ ID NOS: 84

; SEQ ID NO 48

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-016-149-48

Query Match 5.0%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 42;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 507 CAACCCACAGTACCAATACT 526

Db 20 CAACCCACAGTACCAATACT 1

RESULT 42

US-10-016-149-49/c

; Sequence 49, Application US/10016149

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-

; FILE REFERENCE: RTSP-0325

; CURRENT APPLICATION NUMBER: US/10/016,149

; CURRENT FILING DATE: 2001-11-01

; NUMBER OF SEQ ID NOS: 84

; SEQ ID NO 49

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-016-149-49

Query Match 5.0%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 42;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 511 CCACAGTACCAATACTTTC 530

Db 20 CCACAGTACCAATACTTTC 1

RESULT 43

US-10-016-149-50/c

; Sequence 50, Application US/10016149

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-

; FILE REFERENCE: RTSP-0325

; CURRENT APPLICATION NUMBER: US/10/016,149

; CURRENT FILING DATE: 2001-11-01

```
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 50
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-50

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 570 CCAGCAAGACTTTTGTTC 589
Db 20 CCAGCAAGACTTTTGTTC 1

RESULT 44
US-10-016-149-51/c
; Sequence 51, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-51

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 586 GTTCTGTTTTCTCAACAC 605
Db 20 GTTCTGTTTTCTCAACAC 1

RESULT 45
US-10-016-149-52/c
; Sequence 52, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-52

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 594 TTTCTACACAGAGTACT 613
Db 20 TTTCTACACAGAGTACT 1

RESULT 46
US-10-016-149-53/c
; Sequence 53, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-53

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 600 CAACACAGAGTACTGACTCT 619
Db 20 CAACACAGAGTACTGACTCT 1

RESULT 47
US-10-016-149-54/c
; Sequence 54, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-54

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 616 CTCGCTGCTGTTCTCTGAG 635
Db 20 CTCGCTGCTGTTCTCTGAG 1

RESULT 48
US-10-016-149-55/c
; Sequence 55, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
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; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-55

Query Match      5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 641 CCTAAGTCACAGACCTCAGT 660
Db 20 CCTAAGTCACAGACCTCAGT 1

RESULT 49
US-10-016-149-56/c
; Sequence 56, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 56
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-56

Query Match      5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 656 TCAGTCTTTCGAAAGCTTG 675
Db 20 TCAGTCTTTCGAAAGCTTG 1

RESULT 50
US-10-016-149-57/c
; Sequence 57, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-57

Query Match      5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 662 TTTCGAAAGCTTGCGGAC 681
Db 20 TTTCGAAAGCTTGCGGAC 1

RESULT 51
US-10-016-149-58/c
; Sequence 58, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 58
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-58

Query Match      5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 687 GGGCCACACTGTACCTCCA 706
Db 20 GGGCCACACTGTACCTCCA 1

RESULT 52
US-10-016-149-59/c
; Sequence 59, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-59

Query Match      5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 694 ACTGTACCTCCAGCGAGTC 713
Db 20 ACTGTACCTCCAGCGAGTC 1

RESULT 53
US-10-016-149-60/c
; Sequence 60, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 60
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; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-60

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 702 CTCACGAGTCCAGGAGA 721
Db 20 CTCACGAGTCCAGGAGA 1

RESULT 54
US-10-016-149-61/c
; Sequence 61, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-61

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 703 TCCAGCGAGTCCAGGAG 722
Db 20 TCCAGCGAGTCCAGGAG 1

RESULT 55
US-10-016-149-62/c
; Sequence 62, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-62

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 710 AGTCCAGGAGTGACTCT 729
Db 20 AGTCCAGGAGTGACTCT 1

RESULT 56
US-10-016-149-63/c
; Sequence 63, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-63

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 728 CTGGTCATAGGACTTGGTAG 747
Db 20 CTGGTCATAGGACTTGGTAG 1

RESULT 57
US-10-016-149-64/c
; Sequence 64, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-64

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 731 GTCATAGGACTTGGTAGGTT 750
Db 20 GTCATAGGACTTGGTAGGTT 1

RESULT 58
US-10-016-149-65/c
; Sequence 65, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 65
; LENGTH: 20
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-65
Query Match      5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 753 CAGGTCCTTAGGCTCCAC 772
Db 20 CAGGTCCTTAGGCTCCAC 1
; TYPE: DNA
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-66/c
; Sequence 66, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-66
Query Match      5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 758 TCCCTAGGCTCCACTTCTG 777
Db 20 TCCCTAGGCTCCACTTCTG 1
; TYPE: DNA
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-67/c
; Sequence 67, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-67
Query Match      5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 763 AGGCTCCACTTCTGAGGC 782
Db 20 AGGCTCCACTTCTGAGGC 1
; TYPE: DNA
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-68/c
; Sequence 68, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-68
Query Match      5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 786 CCCTCTGGTGCCCAAGAGCTC 805
Db 20 CCCTCTGGTGCCCAAGAGCTC 1
; TYPE: DNA
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-69/c
; Sequence 69, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-69
Query Match      5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 792 GGTGCCAAGAGCTTCTCTCC 811
Db 20 GGTGCCAAGAGCTTCTCTCC 1
; TYPE: DNA
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-70/c
; Sequence 70, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-70

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 804 TCTCTCCAACTCAGGGTTG 823
Db 20 TCTCTCCAACTCAGGGTTG 1

RESULT 64
US-10-016-149-71/c
; Sequence 71, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-71

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 837 TCTTCTCTGAGACAGCGTC 856
Db 20 TCTTCTCTGAGACAGCGTC 1

RESULT 67
US-10-016-149-74/c
; Sequence 74, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-74

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 854 GTCTGGCTCCAGTTGGAAC 873
Db 20 GTCTGGCTCCAGTTGGAAC 1

RESULT 68
US-10-016-149-75/c
; Sequence 75, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-75

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 834 TTTTCTTCTCTGAGACAGC 853
Db 20 TTTTCTTCTCTGAGACAGC 1

RESULT 66
US-10-016-149-72/c
; Sequence 72, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-72

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 808 CTCCAACACAGGGTTGGCTG 827
Db 20 CTCCAACACAGGGTTGGCTG 1

RESULT 65
US-10-016-149-72/c
; Sequence 72, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-72

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 808 CTCCAACACAGGGTTGGCTG 827
Db 20 CTCCAACACAGGGTTGGCTG 1
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; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-75

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 861 CTCAGTTGGAACACTTTC 880
Db 20 CTCAGTTGGAACACTTTC 1

RESULT 69
US-10-016-149-76/c
; Sequence 76, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 76
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-76

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 878 TCCTGAGTGCACCTTACTTC 897
Db 20 TCCTGAGTGCACCTTACTTC 1

RESULT 72
US-10-016-149-79/c
; Sequence 79, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 79
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-79

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 880 CTCGAGTGCACCTTACTTC 899
Db 20 CTCGAGTGCACCTTACTTC 1

RESULT 73
US-10-016-149-80/c
; Sequence 80, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

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; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-75

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 861 CTCAGTTGGAACACTTTC 880
Db 20 CTCAGTTGGAACACTTTC 1

RESULT 69
US-10-016-149-76/c
; Sequence 76, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 76
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-76

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 865 AGTTGGAACACTTTCCTGAG 884
Db 20 AGTTGGAACACTTTCCTGAG 1

RESULT 70
US-10-016-149-77/c
; Sequence 77, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-77

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 871 AACACTTCTCTGAGATGCAC 890
Db 20 AACACTTCTCTGAGATGCAC 1

RESULT 71
US-10-016-149-78/c
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-80

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 884 GATGCACCTACTTCTCAGCT 903
Db 20 GATGCACCTACTTCTCAGCT 1

RESULT 74
US-10-303-778-7878/c
; Sequence 7878, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL VIRAL
; FILE REFERENCE: 47416
; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7878
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-303-778-7878

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 673 TTGGCGGACCCCGAGGCCA 692
Db 20 TTGGCGGACCCCGAGGCCA 1

RESULT 75
US-09-660-222-113924
; Sequence 113924, Application US/09660222
; GENERAL INFORMATION:
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of Human
; FILE REFERENCE: 3102.1
; CURRENT APPLICATION NUMBER: US/09/660,222
; CURRENT FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: 60/164,973
; NUMBER OF SEQ ID NOS: 140981
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 113924
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo Sapiens
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank X14675
US-09-660-222-113924

Query Match          5.0%; Score 19.8; DB 1; Length 25;
Best Local Similarity 91.3%; Pred. No. 57;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 828 TGCTCTCTTTCTCTCTGAGAC 850
Db 1 TGCTCTCTCTCTCTCTGAGAC 23

RESULT 76
US-09-660-222-113934
; Sequence 113934, Application US/09660222
```

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; GENERAL INFORMATION:
; APPLICANT: Mittmann et al.
; TITLE OF INVENTION: Methods of Genetic Analysis of Human
; FILE REFERENCE: 3102.1
; CURRENT APPLICATION NUMBER: US/09/660,222
; CURRENT FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: 60/164,973
; NUMBER OF SEQ ID NOS: 140981
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 113934
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo Sapiens
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank X14675
US-09-660-222-113934

Query Match          5.0%; Score 19.8; DB 1; Length 25;
Best Local Similarity 91.3%; Pred. No. 57;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 827 GTGTCTCTTTCTCTCTGAGA 849
Db 3 GTGTCTCTCTCTCTCTGAGA 25

RESULT 77
US-09-953-115-25460
; Sequence 25460, Application US/09953115
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Human
; FILE REFERENCE: 3111.1
; CURRENT APPLICATION NUMBER: US/09/953,115
; CURRENT FILING DATE: 2001-09-13
; PRIOR APPLICATION NUMBER: 60/232,597
; PRIOR FILING DATE: 2000-09-14
; NUMBER OF SEQ ID NOS: 33029
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25460
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-953-115-25460

Query Match          5.0%; Score 19.8; DB 1; Length 25;
Best Local Similarity 91.3%; Pred. No. 57;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 828 TGCTCTTTCTCTCTCTGAGAC 850
Db 1 TGCTCTTTCTCTCTCTGAGAC 23

RESULT 78
US-10-719-956-50928/c
; Sequence 50928, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 50928
; LENGTH: 25
; TYPE: DNA
```

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; ORGANISM: Rattus norvegicus
US-10-719-956-50928

Query Match
Best Local Similarity 5.0%; Score 19.8; DB 1; Length 25;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 705 CAGCGAGTCCAGGAGAGTGACT 727
|||||
Db 24 CAGTGATTCCAGGAGAGTGACT 2

RESULT 79
US-60-427-836-50928/c
; Sequence 50928, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 50928
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-50928

Query Match
Best Local Similarity 5.0%; Score 19.8; DB 1; Length 25;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 705 CAGCGAGTCCAGGAGAGTGACT 727
|||||
Db 24 CAGTGATTCCAGGAGAGTGACT 2

RESULT 80
US-09-953-115-25566/c
; Sequence 25566, Application US/09953115
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Human
; FILE REFERENCE: 3111.1
; CURRENT APPLICATION NUMBER: US/09/953,115
; CURRENT FILING DATE: 2001-09-13
; PRIOR APPLICATION NUMBER: 60/232,597
; NUMBER OF SEQ ID NOS: 33029
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 25566
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-953-115-25566

Query Match
Best Local Similarity 4.8%; Score 19.2; DB 1; Length 25;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 635 GAGGCTCCTAAGTCACAGACTCA 658
|||||
Db 25 GAGGCACATTAAGTCACAGACTCA 2

RESULT 81
US-10-719-900-347566/c
; Sequence 347566, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 347566
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-347566

Query Match
Best Local Similarity 4.8%; Score 19.2; DB 1; Length 25;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 612 CTGACTCTGCTGCTGCTCTGAGAG 635
|||||
Db 24 CTGCTCTGCTGCTGCTCTGAGG 1

RESULT 82
US-60-427-808-347566/c
; Sequence 347566, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 347566
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-347566

Query Match
Best Local Similarity 4.8%; Score 19.2; DB 1; Length 25;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 612 CTGACTCTGCTGCTGCTCTGAGAG 635
|||||
Db 24 CTGCTCTGCTGCTGCTCTGAGG 1

RESULT 83
US-09-953-115-25461
; Sequence 25461, Application US/09953115
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Human
; FILE REFERENCE: 3111.1
; CURRENT APPLICATION NUMBER: US/09/953,115
; CURRENT FILING DATE: 2001-09-13
; PRIOR APPLICATION NUMBER: 60/232,597
; NUMBER OF SEQ ID NOS: 33029
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 25461
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-953-115-25461

Query Match
Best Local Similarity 4.7%; Score 18.8; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 827 GGTCTCTCTTTTCTCTCTGAG 848
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; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-4185

Query Match
Best Local Similarity 4.7%; Score 18.6; DB 1; Length 25;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 570 CCAGACCAAGACTTTTGTCTCTCTTT 594
Db 25 CCAGACCAAGACTTTTGTCTCTTT 1

RESULT 87
US-09-956-584-267379/c
; Sequence 267379, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; PRIOR FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,017
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 267379
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-267379

Query Match
Best Local Similarity 4.7%; Score 18.6; DB 1; Length 25;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 721 AGTACTCTGTCTCATAGACTTGGT 745
Db 25 AGTACTCTGTCTCATAGACTTGGT 1

RESULT 88
US-10-355-577-225417
; Sequence 225417, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/10/355,577
; PRIOR FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 225417
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-225417

Query Match
Best Local Similarity 4.7%; Score 18.6; DB 1; Length 25;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 522 ATACTTCCCAACATCCCTCTCTCC 546
Db 1 ATACTTCCCAACATCCCTCTCTCTCC 25

RESULT 89
US-10-355-577-225418
; Sequence 225418, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; PRIOR FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,017
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 4185
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-4185

Query Match
Best Local Similarity 4.7%; Score 18.8; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 818 GGGTGGCTGTCTCTCTCTCT 839
Db 22 GGGTGGCTGTCTCTCTCTCT 1

RESULT 85
US-60-427-836-111947/c
; Sequence 111947, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; PRIOR FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 111947
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-111947

Query Match
Best Local Similarity 4.7%; Score 18.8; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 818 GGGTGGCTGTCTCTCTCTCT 839
Db 22 GGGTGGCTGTCTCTCTCTCT 1

RESULT 86
US-09-956-584-4185/c
; Sequence 4185, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; PRIOR FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,017
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 4185
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-4185

Query Match
Best Local Similarity 4.7%; Score 18.8; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 818 GGGTGGCTGTCTCTCTCTCT 839
Db 22 GGGTGGCTGTCTCTCTCTCT 1

RESULT 86
US-09-956-584-4185/c
; Sequence 4185, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; PRIOR FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,017
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 4185
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-4185
```

QY 605 CAGAGTACTGACTCTGCCTGGTTCC 629
|||||
pb 25 CAGACTACTGCCTGGGCCCTGGTTCC 1

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RESULT 94
US-60-353-987-225417
; Sequence 225417, Application US/60353987
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/60/353,987
; CURRENT FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 225417

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Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 705 CAGCGAGTCCAGGAGAGTACT 727
Db 24 CAGTGTTCCTGGAGAGTACT 2
RESULT 105
US-60-234-017-294607/c
; Sequence 294607, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 294607
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AI850133
US-60-234-017-294607
Query Match 4.6%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 91;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 621 CCTGCTCTCTGAGAGGCTCCT 643
Db 24 CCTGCTCTCTGAGAGGCTCCT 2
RESULT 106
US-60-234-017-318021
; Sequence 318021, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 318021
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AW123379
US-60-234-017-318021
Query Match 4.6%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 91;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 659 GTCCTTCGAGAGCTTGGCGGAC 681
Db 3 GTCCTTCGAGAGCTTGGCGGAC 25
RESULT 107
US-60-234-017-318021
; Sequence 318021, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
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; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 104043
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-104043
Query Match 4.6%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 91;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 604 ACAGGTACTGACTCTGCTGCT 626
Db 1 ACAGGTACTGACTCTGCTGCT 23
RESULT 108
US-60-427-808-104044
; Sequence 104044, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 104044
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-104044
Query Match 4.6%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 91;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 604 ACAGGTACTGACTCTGCTGCT 626
Db 1 ACAGGTACTGACTCTGCTGCT 23
RESULT 109
US-60-427-808-279275
; Sequence 279275, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 279275
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-279275
Query Match 4.6%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 91;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 862 TCCAGTTGGACACTTTCCTGAG 884
Db 3 TCCAGTTGGACACTTTCCTGAG 25
RESULT 110
US-60-427-808-279275
; Sequence 279275, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
```



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; CURRENT FILING DATE: 2001-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 72709
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-72709

Query Match          4.5%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 665 CTCGAAGCTTGGCGGACCCCC 685
Db 2 CTCATGCTTGGCGGACCCCC 22

RESULT 116
US-09-396-196G-72709
; Sequence 72709, Application US/09396196G
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 72709
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-72709

Query Match          4.5%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 665 CTCGAAGCTTGGCGGACCCCC 685
Db 2 CTCATGCTTGGCGGACCCCC 22

RESULT 117
US-09-954-427A-355918
; Sequence 355918, Application US/09954427A
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat Genome
; FILE REFERENCE: 3112.1
; CURRENT APPLICATION NUMBER: US/09/954,427A
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 60/233,166
; PRIOR FILING DATE: 2000-09-18
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 355918
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus Norvegicus
US-09-954-427A-355918

Query Match          4.5%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 784 GCCCTCTGGTGCCAGAGCT 804
Db 3 GCCCTCTGGTGCCAGAGCT 23

RESULT 118
US-09-956-584-175754/c
; Sequence 175754, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,017
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 175754
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-175754

Query Match          4.5%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 632 AGAGAGGCTCCTAAGTCACAG 652
Db 21 AGAGAGACTCCTAGGTCACAG 1

RESULT 119
US-09-956-584-183457
; Sequence 183457, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,017
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 183457
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-183457

Query Match          4.5%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 574 ACCAAGACTTTGTTCTGTTT 594
Db 5 ACCAAGACTTTGTTCTGTTCT 25

RESULT 120
US-09-956-584-238823
; Sequence 238823, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,017
; PRIOR FILING DATE: 2000-09-20
```

; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 298823
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-298823

Query Match 4.5%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1e+02; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 587 TTCGTGTTTCTCAACACAG 607
Db 1 TTCGTGTTTCTCAACGCG 21

RESULT 121
US-09-956-584-307865
; Sequence 307865, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,017
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 307865
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-307865

Query Match 4.5%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1e+02; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 832 TCCTTTCTCTCTGAACACAG 852
Db 2 TATTTTCATCTCTGAACACAG 22

RESULT 122
US-10-719-956-81522/c
; Sequence 81522, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 81522
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-81522

Query Match 4.5%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1e+02; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 795 GCCAAGAGCTCTCTCCAACT 815
Db 23 GCCAAGAGCACTCTCTCCAAAT 3

RESULT 123
US-60-234-017-146401
; Sequence 146401, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; TITLE OF INVENTION: musculus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 146401
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AF841920
US-60-234-017-146401

Query Match 4.5%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1e+02; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 574 ACCAAGACTTTGTTCTGTTT 594
Db 5 ACCAAGACTTTGTTCTGTTCT 25

RESULT 124
US-60-234-017-189436/c
; Sequence 189436, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; TITLE OF INVENTION: musculus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 189436
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank U96634
US-60-234-017-189436

Query Match 4.5%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1e+02; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 632 AGAGAGGCTCCTAAGTCACAG 652
Db 1 AGAGAGACTCCTAGTCACAG 1

RESULT 125
US-60-234-017-315041
; Sequence 315041, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; TITLE OF INVENTION: musculus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSEQ for Windows Version 4.0

```
; SEQ ID NO 315041
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AW122062
US-60-234-017-315041

Query Match
Best Local Similarity 4.5%; Score 17.8; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 832 TCTTTCTCTCTCGAAGACAG 852
Db 2 TATTTCATCTCTGAAGACAG 22

RESULT 126
US-60-234-017-321630
; Sequence 321630, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 321630
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AW125393
US-60-234-017-321630

Query Match
Best Local Similarity 4.5%; Score 17.8; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 587 TTCTGTTTTTCTCAACACAG 607
Db 1 TTCTGTTTTTCTCCAGCGAG 21

RESULT 127
US-60-427-836-81522/c
; Sequence 81522, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 81522
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-81522

Query Match
Best Local Similarity 4.5%; Score 17.8; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 795 GCCAAGAGCTCTCTCCAACT 815
Db 23 GCCAAGAGCACTCTCCAAAT 3

RESULT 128
US-09-292-779B-61
; Sequence 61, Application US/09292779B
; GENERAL INFORMATION:
; APPLICANT: Trias, Joaquim
; APPLICANT: Young, Dennis
; APPLICANT: Rosenow, Carsten
; TITLE OF INVENTION: REGULATED TARGET EXPRESSION FOR
; TITLE OF INVENTION: SCREENING
; FILE REFERENCE: 342312000800
; CURRENT APPLICATION NUMBER: US/09/292,779B
; CURRENT FILING DATE: 1999-04-13
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 61
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide PCR Primer
US-09-292-779B-61

Query Match
Best Local Similarity 4.4%; Score 17.6; DB 1; Length 24;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 519 CCAATACCTTCCCAACATCTCTG 542
Db 1 CAAACACATTCGAGCATCTCTG 24

RESULT 129
US-60-117-955-13
; Sequence 13, Application US/60117955
; GENERAL INFORMATION:
; APPLICANT: Rosenow, Carsten
; APPLICANT: Trias, Joaquim
; TITLE OF INVENTION: STREPTOCOCCUS PNEUMONIAE REGULATORY SYSTEM AND REPORTER
; FILE REFERENCE: 342313001021
; CURRENT APPLICATION NUMBER: US/60/117,955
; CURRENT FILING DATE: 1999-01-29
; EARLIER FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 13
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Streptococcus pneumoniae
US-60-117-955-13

Query Match
Best Local Similarity 4.4%; Score 17.6; DB 1; Length 24;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 519 CCAATACCTTCCCAACATCTCTG 542
Db 1 CAAACACATTCGAGCATCTCTG 24

RESULT 130
US-09-660-222-113916
; Sequence 113916, Application US/09660222
; GENERAL INFORMATION:
; APPLICANT: Mittmann et al.
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of Human
; FILE REFERENCE: 3102.1
; CURRENT APPLICATION NUMBER: US/09/660,222
; CURRENT FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: 60/164,973
; PRIOR FILING DATE: 1999-11-11
```

```

; NUMBER OF SEQ ID NOS: 140981
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 113916
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo Sapiens
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank X14675
US-09-660-222-113916

```

```
Query Match      4.4%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

Qy 831 CTCTTTCTTCTCTGAAGACAGCG 854
||| ||| ||| ||| ||| ||| ||| |||
Db 1 CTCTTCTTCTCTCAGAAGACCTCG 24

```

RESULT 131
US-09-953-115-25459
; Sequence 25459, Application US/09953115
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis
; TITLE OF INVENTION: Genes
; FILE REFERENCE: 3111.1
; CURRENT APPLICATION NUMBER: US/09/953,115
; CURRENT FILING DATE: 2001-09-13
; PRIOR APPLICATION NUMBER: 60/232,597
; PRIOR FILING DATE: 2000-09-14
; NUMBER OF SEQ ID NOS: 33029
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 25459
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-953-115-25459

```

Query Match 4.4%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 831 CTCTTTTCTCTCTGAAGACAGCG 854
|||||
db 1 CTCTTCTTCTCTCAGAAGACCTCG 24

```

RESULT 132
US-09-953-570A-65549
; Sequence 65549, Application US/09953570A
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Yeast
; FILE REFERENCE: 3110.1
; CURRENT APPLICATION NUMBER: US/09/953,570A
; CURRENT FILING DATE: 2001-09-13
; PRIOR APPLICATION NUMBER: 60/232,638
; PRIOR FILING DATE: 2000-09-14
; NUMBER OF SEQ ID NOS: 138410
; SEQ ID NO 65549
; SEQ ID NO 65549
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Saccharomyces cerevisiae
US-09-953-570A-65549

```

Query Match	4.4%;	Score 17.6;	DB 1;	Length 25;
Best Local Similarity	83.3%;	Pred. No. 1.1e+02;		
Matches	20;	Conservative	0;	Mismatches 4;
			Indels	0;
			Gaps	0;

QY 562 AGTCCTCCAGACCAAGACTTT 585

Db 1 ATCTCCTACCGAGCAAGACTTTT 24

```

RESULT 133
US-09-954-427A-111839
; Sequence 111839, Application US/09954427A
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat Genome
; FILE REFERENCE: 3112.1
; CURRENT APPLICATION NUMBER: US/09/954,427A
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 60/233,166
; PRIOR FILING DATE: 2000-09-18
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 111839
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus Norvegicus
US-09-954-427A-111839

```

```
Query Match      4.4%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

Qy 719 AGAGTGACTCTGGTCATAGGACTT 742
|||||
Db 2 AGAGATCCTCTGGTCATAGA ACTT 25

```

RESULT '134
US-09-954-427A-258951
; Sequence 258951, Application US/09954427A
; GENERAL INFORMATION:
; APPLICANT: Michael Mitmann
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat Genome
; FILE REFERENCE: 3112.1
; CURRENT APPLICATION NUMBER: US/09/954,427A
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 60/233,166
; PRIOR FILING DATE: 2000-09-18
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 258951
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus Norvegicus
US-09-954-427A-258951

```

Query Match 4.4%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.le+02;
Matches 20: Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 782 CAGCCCTCTGTGTCACAGCTC 805
||| ||| ||| ||| ||| ||| |||
Db 1 CAGGCCTCCAGTGCCATGAGCTC 24

```

RESULT 135
US-09-954-445A-33353
; Sequence 33353, Application US/09954445A
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Arabidopsis Thaliana
; FILE REFERENCE: 1116.1
; CURRENT APPLICATION NUMBER: US/09/954,445A
; CURRENT FILING DATE: 2000-09-17
; PRIOR APPLICATION NUMBER: 60/233,620
; PRIOR FILING DATE: 2000-09-18
; NUMBER OF SEQ ID NOS: 131820
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 33353

```

```
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-09-954-445A-33353

Query Match
Best Local Similarity 4.4%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 629 CTGAGAGGCTCTTAAGTCACAG 652
Db 2 CTGAAGAGGCTTTTAATCAG 25

RESULT 136
US-09-956-584-4184/c
; Sequence 4184, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,017
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 4184
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-4184

Query Match
Best Local Similarity 4.4%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 571 CAGACCAAGACTTTTCTCGTTT 594
Db 25 CAGACGAAGACATTTTGTGTTT 2

RESULT 137
US-09-956-584-4190/c
; Sequence 4190, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,017
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 4190
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-4190

Query Match
Best Local Similarity 4.4%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 570 CCAGACCAAGACTTTTCTCGTTT 593
Db 24 CCAGACGAAGACATTTTGTGTTT 1

RESULT 138
US-09-956-584-208835
; Sequence 208835, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,017
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 208835
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-208835

Query Match
Best Local Similarity 4.4%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 831 CTCCTTTCTCTCTGAAGACGCG 854
Db 2 CTCCTTTCTCTCTGAAGACGCG 25

RESULT 139
US-10-098-263B-24812
; Sequence 24812, Application US/10098263B
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 24812
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-24812

Query Match
Best Local Similarity 4.4%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 829 GTCCTTTCTCTCTGAAGACGCG 852
Db 2 GTCCTATTCTCTCTGAAGACGCG 25

RESULT 140
US-10-098-263B-83917
; Sequence 83917, Application US/10098263B
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 83917
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-83917

Query Match
Best Local Similarity 4.4%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 829 GTCCTTTCTCTCTGAAGACGCG 852
Db 2 GTCCTATTCTCTCTGAAGACGCG 25
```

```
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-793156

Query Match
Best Local Similarity 83.3%; Pred. No. 1.1e+02; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 831 CTCTTTCTTCTCTGAAGACAGCG 854
Db 1 CTCTTCTCTCTCAGAGACCTCG 24

RESULT 141
US-10-355-577-51223
; Sequence 51223, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 51223
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-51223

Query Match
Best Local Similarity 83.3%; Pred. No. 1.1e+02; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 725 ACTCTGCTCATAGACTTGTTAGG 748
Db 2 AGTCAGGTCAGAGGAATTGTTAGG 25

RESULT 142
US-10-355-577-617217/c
; Sequence 617217, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 617217
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-617217

Query Match
Best Local Similarity 83.3%; Pred. No. 1.1e+02; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 668 GAGCTTGGCGACCCCGAGGCC 691
Db 24 GAACCTTCTCCGACCCCGAGGCC 1

RESULT 143
US-10-355-577-793156
; Sequence 793156, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 793156
; LENGTH: 25
```

```
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-793156

Query Match
Best Local Similarity 83.3%; Pred. No. 1.1e+02; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 512 CACAGTACCAATCTTCCCAACA 535
Db 2 CACAGTACCAATCTTCCCAACA 25

RESULT 144
US-10-719-900-347567/c
; Sequence 347567, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 347567
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-347567

Query Match
Best Local Similarity 83.3%; Pred. No. 1.1e+02; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 612 CTGACTCTGCTGTTCTCTGAGAG 635
Db 24 CTGCTCTGCCAGGATCTCTGAGG 1

RESULT 145
US-10-719-900-746526
; Sequence 746526, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 746526
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-746526

Query Match
Best Local Similarity 83.3%; Pred. No. 1.1e+02; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 513 ACAGTACCAATCTTCCCAACAT 536
Db 2 AAGTACCAGTACTACTCCCAACAT 25

RESULT 146
US-10-719-956-136754
; Sequence 136754, Application US/10719956
; GENERAL INFORMATION:
```



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; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 136754
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-136754

Query Match      4.4%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 824 GCTGTGCTCTCTTCTCTCTGAA 847
Db 2 GCTGTGCTCTCTCTCTCTGAA 25

RESULT 147
US-10-719-956-178211
; Sequence 178211, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 178211
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-178211

Query Match      4.4%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 617 TCTGCTCTGTTCTCTGAGAGGCT 640
Db 2 TCACCCGGGTTCTGAGAGTGCT 25

RESULT 148
US-10-719-956-313821/c
; Sequence 313821, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 313821
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-313821

Query Match      4.4%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 617 TCTGCTCTGTTCTCTGAGAGGCT 640
Db 2 TCACCCGGGTTCTGAGAGTGCT 25

Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 644 AAGTCACAGACCTCAGTCTTCTC 667
Db 24 AACTCACAGAACTCAGCCTTTGTC 1

RESULT 149
US-60-233-620-33353
; Sequence 33353, Application US/60233620
; GENERAL INFORMATION:
; APPLICANT: Mittmann
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of
; TITLE OF INVENTION: Arabidopsis thaliana
; FILE REFERENCE: 3116
; CURRENT APPLICATION NUMBER: US/60/233,620
; CURRENT FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 131820
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 33353
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AF007270
US-60-233-620-33353

Query Match      4.4%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 629 CTGAGAGGGCTCTTAAGTCACAG 652
Db 2 CTGAAGAGGCTGTTAATCAG 25

RESULT 150
US-60-234-017-31256/c
; Sequence 31256, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; TITLE OF INVENTION: musculus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 31256
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AV336781
US-60-234-017-31256

Query Match      4.4%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 570 CCAGACCAAGACTTTTGTCTGTT 593
Db 24 CCAGACCAAGACTTTTGTGTT 1

RESULT 151
US-60-234-017-31268/c
; Sequence 31268, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; APPLICANT: Affymetrix, Inc.
```


; ORGANISM: Mus musculus		; NUMBER OF SEQ ID NOS: 699466	
US-60-427-808-347567		; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1	
		; SEQ ID NO 178211	
Query Match		4.4%; Score 17.6; DB 1; Length 25;	
Best Local Similarity		83.3%; Pred. No. 1.1e+02;	
Matches		20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;	
		; TYPE: DNA	
		; ORGANISM: Rattus norvegicus	
US-60-427-836-178211			
QY		617 CTGACTCTGCTGCTGCTCTGAGAG 635	
Db		24 CTGCTCTGCTGAGGATCTGAGGG 1	
RESULT 157			
US-60-427-808-746526			
; Sequence 746526, Application US/60427808			
; GENERAL INFORMATION:			
; APPLICANT: Xue Mei Zhou			
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse			
; FILE REFERENCE: 3528			
; CURRENT APPLICATION NUMBER: US/60/427,808			
; CURRENT FILING DATE: 2002-11-20			
; NUMBER OF SEQ ID NOS: 982914			
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1			
; SEQ ID NO 746526			
; LENGTH: 25			
; TYPE: DNA			
; ORGANISM: Mus musculus			
US-60-427-808-746526			
Query Match		4.4%; Score 17.6; DB 1; Length 25;	
Best Local Similarity		83.3%; Pred. No. 1.1e+02;	
Matches		20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;	
		; TYPE: DNA	
		; ORGANISM: Mus musculus	
US-60-427-836-136754			
QY		513 ACAGTACCAATCTTCCCAACAT 536	
Db		2 AAGTACCACTACTACCCCAACAT 25	
RESULT 158			
US-60-427-836-136754			
; Sequence 136754, Application US/60427836			
; GENERAL INFORMATION:			
; APPLICANT: Xue Mei Zhou			
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat			
; FILE REFERENCE: 3527			
; CURRENT APPLICATION NUMBER: US/60/427,836			
; CURRENT FILING DATE: 2002-11-20			
; NUMBER OF SEQ ID NOS: 699466			
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1			
; SEQ ID NO 136754			
; LENGTH: 25			
; TYPE: DNA			
; ORGANISM: Rattus norvegicus			
US-60-427-836-136754			
Query Match		4.4%; Score 17.6; DB 1; Length 25;	
Best Local Similarity		83.3%; Pred. No. 1.1e+02;	
Matches		20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;	
		; TYPE: DNA	
		; ORGANISM: Rattus norvegicus	
US-60-427-836-178211			
QY		824 GCTGTGCTCTTCTCTCTGAA 847	
Db		2 GCTGTGCTATTCTCTGTGAA 25	
RESULT 159			
US-60-427-836-178211			
; Sequence 178211, Application US/60427836			
; GENERAL INFORMATION:			
; APPLICANT: Xue Mei Zhou			
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat			
; FILE REFERENCE: 3527			
; CURRENT APPLICATION NUMBER: US/60/427,836			
; CURRENT FILING DATE: 2002-11-20			
; NUMBER OF SEQ ID NOS: 699466			
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1			
; SEQ ID NO 178211			
; LENGTH: 25			
; TYPE: DNA			
; ORGANISM: Homo sapiens			
US-60-507-511-40221			
Query Match		4.4%; Score 17.6; DB 1; Length 25;	
Best Local Similarity		83.3%; Pred. No. 1.1e+02;	
Matches		20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;	
		; TYPE: DNA	
		; ORGANISM: Homo sapiens	
US-60-507-511-40221			
QY		561 GAGCTCCTCCAGACCAAGACTTT 584	
Db		24 GAGTGACTCACACCAAGACTTT 1	
RESULT 160			
US-60-427-836-313821/c			
; Sequence 313821, Application US/60427836			
; GENERAL INFORMATION:			
; APPLICANT: Xue Mei Zhou			
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat			
; FILE REFERENCE: 3527			
; CURRENT APPLICATION NUMBER: US/60/427,836			
; CURRENT FILING DATE: 2002-11-20			
; NUMBER OF SEQ ID NOS: 699466			
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1			
; SEQ ID NO 313821			
; LENGTH: 25			
; TYPE: DNA			
; ORGANISM: Rattus norvegicus			
US-60-427-836-313821			
Query Match		4.4%; Score 17.6; DB 1; Length 25;	
Best Local Similarity		83.3%; Pred. No. 1.1e+02;	
Matches		20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;	
		; TYPE: DNA	
		; ORGANISM: Rattus norvegicus	
US-60-427-836-136754			
QY		644 AAGTCACAGACCTCAGCTTTCTC 667	
Db		24 AACTCACAGACTCAGCTTTCTC 1	
RESULT 161			
US-60-507-511-40221/c			
; Sequence 40221, Application US/60507511			
; GENERAL INFORMATION:			
; APPLICANT: Wyeth			
; APPLICANT: Mounts, William M			
; TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION ASSOCIATED WITH			
; TITLE OF INVENTION: HUMAN OSTEOARTHRITIS AND HUMAN PROTEASES			
; FILE REFERENCE: AM 101081			
; CURRENT APPLICATION NUMBER: US/60/507,511			
; CURRENT FILING DATE: 2003-10-02			
; NUMBER OF SEQ ID NOS: 203623			
; SOFTWARE: PatentIn version 3.2			
; SEQ ID NO 40221			
; LENGTH: 25			
; TYPE: DNA			
; ORGANISM: Homo sapiens			
US-60-507-511-40221			
Query Match		4.4%; Score 17.6; DB 1; Length 25;	
Best Local Similarity		83.3%; Pred. No. 1.1e+02;	
Matches		20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;	
		; TYPE: DNA	
		; ORGANISM: Homo sapiens	
US-60-507-511-40221			
QY		561 GAGCTCCTCCAGACCAAGACTTT 584	
Db		24 GAGTGACTCACACCAAGACTTT 1	
RESULT 162			
US-10-310-188-42057/c			

; Sequence 42057, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 42057
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-42057

Query Match 4.3%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 555 CCCAGCGAGCTCCTCCAGACC 576
Db 22 CCCAGCGAGCTCCTCCAGACC 1

RESULT 163

; Sequence 40233, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 40233
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-40233

Query Match 4.3%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 84;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 630 TGAGAGGCTCCTTAAG 646
Db 17 TGAGAGGCTCCTTAAG 1

RESULT 164

; Sequence 42010, Application US/10266090
; GENERAL INFORMATION:
; APPLICANT: GOFF, STEPHEN
; APPLICANT: BONAN, CAROLINE
; APPLICANT: COLBERT, MICHELLE
; APPLICANT: WANG, RONG-LIN
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE
; TITLE OF INVENTION: REPEAT MARKERS AND THEIR USES
; FILE REFERENCE: NAD11.058C1
; CURRENT APPLICATION NUMBER: US/10/266,090
; CURRENT FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: US 10/260,703
; PRIOR FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/326,117
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 51812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 42010
; LENGTH: 20

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA
US-10-266-090-42010

Query Match 4.2%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 534 CATCTCTGCTCCTAGGCCT 553
Db 20 CATCTCTGCTCCTAGGCCT 1

RESULT 165

; Sequence 1040, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1040
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
US-10-751-736-1040

Query Match 4.2%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 1.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 634 AGAGGCTCCTAAGTCACAGA 653
Db 20 AGAGGCTCCTAAGTCACAGA 1

RESULT 166

; Sequence 57404, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 57404
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-57404

Query Match 4.2%; Score 16.6; DB 1; Length 23;
Best Local Similarity 82.6%; Pred. No. 1.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 708 CGAGTCCAGGAGGAGTCTGTG 730
Db 23 CGAGTCCAGGAGGAGGAGTCTGTG 1

```
RESULT 167
US-10-751-736-1039/c
; Sequence 1039, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Martinez, Robert
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1039
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-1039

Query Match      4.1%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 635 GAGGCTCTTAAGTCACAGACC 655
Db 21 GAGGCACCAAGTCACAGATC 1

RESULT 168
US-10-751-736-25128
; Sequence 25128, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 25128
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNA1
US-10-751-736-25128

Query Match      4.1%; Score 16.2; DB 1; Length 21;
Best Local Similarity 61.9%; Pred. No. 1.3e+02;
Matches 13; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 867 TTGGAACACTTTCCTGAGATG 887
Db 1 UUGGAACACUUUCAGGAGAG 21

RESULT 169
US-10-310-188-35581/c
; Sequence 35581, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; FILE REFERENCE: 47487
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; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 35581
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-35581

Query Match      4.1%; Score 16.2; DB 1; Length 22;
Best Local Similarity 85.7%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 830 TCTCTTTTCTCTCTGAGAC 850
Db 21 TTTCTTTTCTCTCTGAGACC 1

RESULT 170
US-07-920-483B-185/c
; Sequence 185, Application US/07920483B
; GENERAL INFORMATION:
; APPLICANT: McCormick, Francis P.
; TITLE OF INVENTION: Detection of Point Mutations in
; TITLE OF INVENTION: Genes Encoding GTP Binding Proteins
; NUMBER OF SEQUENCES: 254
; CORRESPONDENCE ADDRESS:
; ADDRESS: Hoffmann-La Roche Inc.
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/920,483B
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sias Ph.D., Stacey R.
; REGISTRATION NUMBER: 32,630
; REFERENCE/DOCKET NUMBER: 8687
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2863
; TELEFAX: (510) 814-2977
; TELEX:
; INFORMATION FOR SEQ ID NO: 185:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-07-920-483B-185

Query Match      4.0%; Score 16; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.3e+02;
Matches 17; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 527 TTCCCAACATCTCTGCTCC 546
Db 20 TTCCCAACACACACTGCTCC 1

RESULT 171
US-07-920-483B-187/c
; Sequence 187, Application US/07920483B
```

```

; GENERAL INFORMATION:
; APPLICANT: McCormick, Francis P.
; APPLICANT: Lyons, John F.
; TITLE OF INVENTION: Detection of Point Mutations in
; TITLE OF INVENTION: Genes Encoding GTP Binding Proteins
; NUMBER OF SEQUENCES: 254
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/920,483B
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sias Ph.D., Stacey R.
; REGISTRATION NUMBER: 32,630
; REFERENCE/DOCKET NUMBER: 8687
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2863
; TELEFAX: (510) 814-2977
; TELEX:
; INFORMATION FOR SEQ ID NO: 187:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-07-920-483B-187

Query Match 4.0%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 527 TTCCACACATCTCTGCTCC 546
Db 20 TTCCACACACATCTGCTCC 1

RESULT 172
US-10-188-75348
; Sequence 75348, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: Robertagemonics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: Patent In version 3.1
; SEQ ID NO 75348
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-188-75348

Query Match 4.0%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 581 CTTTGTCTCTGTTTCTTA 599
Db 2 CTTTGTCTCTGTTTCTTA 20

; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 4849
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-4849

Query Match 4.0%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 821 TTGGCTGTCTCTTTCT 839
Db 22 TGGCGTGTCTCTTTGCT 4

RESULT 174
US-10-061-201-1116
; Sequence 1116, Application US/10061201
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1116
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1116

Query Match 3.9%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 1.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 744 GTAGGTCGCCAGGTCC 760
```


;;
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Heller Ehrman White & McAuliffe
;; STREET: 4250 Executive Square, 7th Floor
;; CITY: La Jolla
;; STATE: CA
;; COUNTRY: USA
;; ZIP: 92037
;;
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Diskette
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: DOS
;; SOFTWARE: ASCII
;;
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/297,576A
;; FILING DATE: 07-Jun-2000
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/947,801
;; FILING DATE: 08-Oct-97
;; APPLICATION NUMBER: 08/933,792
;; FILING DATE: 19-Sep-97
;; APPLICATION NUMBER: 08/787,639
;; FILING DATE: 23-Jan-97
;; APPLICATION NUMBER: 08/786,988
;; FILING DATE: 23-Jan-97
;; APPLICATION NUMBER: 08/746,055
;; FILING DATE: 06-Nov-96
;; APPLICATION NUMBER: 08/746,036
;; FILING DATE: 06-Nov-96
;; APPLICATION NUMBER: 08/744,590
;; FILING DATE: 06-Nov-96
;; APPLICATION NUMBER: 08/744,481
;; FILING DATE: 06-Nov-96
;;
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Seidman, Stephanie L
;; REGISTRATION NUMBER: 33,779
;; REFERENCE/DOCKET NUMBER: 24736-2004
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 858-450-8400
;; TELEFAX: 858-450-8499
;; INFORMATION FOR SEQ ID NO: 102:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 19 base pairs
;; TYPE: nucleic acid
;; TOPOLOGY: unknown
;; STRANDEDNESS: single
;; MOLECULE TYPE: cdna
;; HYPOTHETICAL: NO
;; ANTI-SENSE: NO
;; FRAGMENT TYPE: <Unknown>
;; ORIGINAL SOURCE:
;; US-09-297-576A-102

Query Match 3.9%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 1.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 753 CAGGGTCCCTAGGCCTC 769
Db 19 CAGGGTCCCTAGGCCTC 3

RESULT 179
US-09-686-148-102/c
; Sequence 102, Application US/09686148
; GENERAL INFORMATION:
; APPLICANT: KOSTER, Hubert
; LITTLE, Daniel P.
; BRAUN, Andreas
; LOUGH, David M.
; XIANG, Guobing
; VAN DEN BOOM, Dirk
; JURINKE, Christian

;; RUPPERT, Andreas
;; TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
;; NUMBER OF SEQUENCES: 320
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Heller Ehrman White & McAuliffe
;; STREET: 4250 Executive Square, 7th Floor
;; CITY: La Jolla
;; STATE: CA
;; COUNTRY: USA
;; ZIP: 92037
;;
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Diskette
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: DOS
;; SOFTWARE: ASCII
;;
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/686,148
;; FILING DATE: 10-Oct-2000
;; CLASSIFICATION: <Unknown>
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 09/297,576
;; FILING DATE: 28-Jun-99
;; APPLICATION NUMBER: 08/947,801
;; FILING DATE: 08-Oct-97
;; APPLICATION NUMBER: 08/933,792
;; FILING DATE: 19-Sep-97
;; APPLICATION NUMBER: 08/787,639
;; FILING DATE: 23-Jan-97
;; APPLICATION NUMBER: 08/786,988
;; FILING DATE: 23-Jan-97
;; APPLICATION NUMBER: 08/746,055
;; FILING DATE: 06-Nov-96
;; APPLICATION NUMBER: 08/746,036
;; FILING DATE: 06-Nov-96
;; APPLICATION NUMBER: 08/744,590
;; FILING DATE: 06-Nov-96
;; APPLICATION NUMBER: 08/744,481
;; FILING DATE: 06-Nov-96
;;
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Seidman, Stephanie L
;; REGISTRATION NUMBER: 33,779
;; REFERENCE/DOCKET NUMBER: 24736-2004
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 858-450-8400
;; TELEFAX: 858-450-8499
;; INFORMATION FOR SEQ ID NO: 102:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 19 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: unknown
;; MOLECULE TYPE: cdna
;; HYPOTHETICAL: NO
;; ANTI-SENSE: NO
;; FRAGMENT TYPE: <Unknown>
;; ORIGINAL SOURCE:
;; SEQUENCE DESCRIPTION: SEQ ID NO: 102:
;; US-09-686-148-102

Query Match 3.9%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 1.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 753 CAGGGTCCCTAGGCCTC 769
Db 19 CAGGGTCCCTAGGCCTC 3

RESULT 130
US-09-881-102/c
; Sequence 102, Application US/09783881
; GENERAL INFORMATION:
; APPLICANT: David M. Lough

Guobing Xiang
TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
NUMBER OF SEQUENCES: 320
CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McCulliffe
STREET: 4250 Executive Square, 7th Floor
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/783,881
FILING DATE: 13-Feb-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/179,536
FILING DATE: 27-OCT-1998
APPLICATION NUMBER: PCT/US97/20444
FILING DATE: 06-NOV-1997
APPLICATION NUMBER: 08/947,801
FILING DATE: 08-Oct-97
APPLICATION NUMBER: 08/933,792
FILING DATE: 19-Sep-97
APPLICATION NUMBER: 08/787,639
FILING DATE: 23-Jan-97
APPLICATION NUMBER: 08/786,988
FILING DATE: 23-Jan-97
APPLICATION NUMBER: 08/746,055
FILING DATE: 06-Nov-96
APPLICATION NUMBER: 08/746,036
FILING DATE: 06-Nov-96
APPLICATION NUMBER: 08/744,590
FILING DATE: 06-Nov-96
APPLICATION NUMBER: 08/744,481
FILING DATE: 06-Nov-96
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie L
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24736-2004B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 858-450-8400
TELEFAX: 858-587-5360
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 102:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: <Unknown>
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 102:
US-09-783-881-102

Query Match 3.9%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 1.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 753 CAGGGTCCCTAGGCCTC 769
|||||
Db 19 CAGGGTCCCTAGGCCTC 3

RESULT 181

US-10-349-143-6172/c

Sequence 6172, Application US/10349143
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 6172
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: upstream amplification primer 99-9513 for SEQ 2238,
US-10-349-143-6172

Query Match 3.9%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 1.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 873 CACTTCTCTGAGATGCA 889
|||||
Db 17 CACTTCTCTGAGATGCA 1

RESULT 182

US-09-367-272-8/c
Sequence 8, Application US/09367272
GENERAL INFORMATION:
APPLICANT: Tornell, Jan
APPLICANT: Kindblom, Jon
APPLICANT: Wennbo, Hakan
APPLICANT: Isaksson, Olle
APPLICANT: Norstedt, Gunnar
TITLE OF INVENTION: Method for Screening and Transgenic Model
FILE REFERENCE: 003300-583
CURRENT APPLICATION NUMBER: US/09/367,272
CURRENT FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/SE98/00266
PRIOR FILING DATE: 1998-02-13
PRIOR APPLICATION NUMBER: SE 9700527-6
PRIOR FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 8
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 8
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: primer
US-09-367-272-8

Query Match 3.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.6e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 718 GAGAGTGACTCTGGTCA 734
|||||
Db 17 GAGAGTGACTCTGGTCA 1

RESULT 183

US-10-289-762-5931/c

; Sequence 5931, Application US/10289762

; GENERAL INFORMATION:

; APPLICANT: Griffiths, R.

; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments

; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention

; TITLE OF INVENTION: and treatment of infection

; FILE REFERENCE: 9710-003-999

; CURRENT APPLICATION NUMBER: US/10/289,762

; CURRENT FILING DATE: 2003-03-27

; NUMBER OF SEQ ID NOS: 6849

; SEQ ID NO 5931

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Chlamydia pneumoniae

US-10-289-762-5931

Query Match

Best Local Similarity 3.9%; Score 15.4; DB 1; Length 20;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy

728 CTGTCATAGACTGG 744

|||||

17 CTGTCATAGACTGG 1

RESULT 184

US-10-310-188-12327

; Sequence 12327, Application US/10310188

; GENERAL INFORMATION:

; APPLICANT: RosettaGenomics

; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES

; TITLE OF INVENTION: USES THEREOF

; FILE REFERENCE: 47487

; CURRENT APPLICATION NUMBER: US/10/310,188

; CURRENT FILING DATE: 2002-12-19

; NUMBER OF SEQ ID NOS: 86841

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 12327

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-310-188-12327

Query Match

Best Local Similarity 3.9%; Score 15.4; DB 1; Length 20;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy

832 TCTTTCTCTCTGAAG 848

|||||

3 TCTTTCTCTCTGAAG 19

RESULT 185

US-09-765-081-363/c

; Sequence 363, Application US/09765081

; GENERAL INFORMATION:

; APPLICANT: Cargill, Michele

; APPLICANT: Ireland, James S.

; APPLICANT: Lander, Eric S.

; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS

; FILE REFERENCE: 2825-2008-001

; CURRENT APPLICATION NUMBER: US/09/765,081

; CURRENT FILING DATE: 2001-01-18

; PRIOR APPLICATION NUMBER: US 60/176,861

; PRIOR FILING DATE: 2000-01-19

; NUMBER OF SEQ ID NOS: 461

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 363

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-765-081-363

Query Match 3.9%; Score 15.4; DB 1; Length 21;

Best Local Similarity 84.2%; Pred. No. 1.6e+02;

Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy

658 AGTCTTCTCAGACTGG 676

|||||

19 AGTCTTCTCAGACTGG 1

RESULT 186

US-09-957-641-11

; Sequence 11, Application US/09957641

; GENERAL INFORMATION:

; APPLICANT: Emory University

; TITLE OF INVENTION: MODIFIED FACTOR VIII

; FILE REFERENCE: 75-00

; CURRENT APPLICATION NUMBER: US/09/957,641

; CURRENT FILING DATE: 2001-09-16

; PRIOR APPLICATION NUMBER: US 60/234047

; PRIOR FILING DATE: 2000-09-19

; PRIOR APPLICATION NUMBER: US 60/236460

; PRIOR FILING DATE: 2000-09-29

; NUMBER OF SEQ ID NOS: 18

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 11

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide

; OTHER INFORMATION: primer

US-09-957-641-11

Query Match

Best Local Similarity 3.9%; Score 15.4; DB 1; Length 21;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy

591 GTTTTCTACACACAG 607

|||||

2 GTTTTCTACACACAG 18

RESULT 187

US-09-957-641A-11

; Sequence 11, Application US/09957641A

; GENERAL INFORMATION:

; APPLICANT: Lollar, John S.

; TITLE OF INVENTION: MODIFIED FACTOR VIII

; FILE REFERENCE: 75-00 US

; CURRENT APPLICATION NUMBER: US/09/957,641A

; CURRENT FILING DATE: 2001-09-19

; PRIOR APPLICATION NUMBER: US 60/234,047

; PRIOR FILING DATE: 2000-09-19

; PRIOR APPLICATION NUMBER: US 60/236,460

; PRIOR FILING DATE: 2000-09-29

; NUMBER OF SEQ ID NOS: 21

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 11

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence:

; OTHER INFORMATION: Oligonucleotide primer

US-09-957-641A-11

Query Match

Best Local Similarity 3.9%; Score 15.4; DB 1; Length 21;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy

591 GTTTTCTACACACAG 607

```
Db      2 GTTTTCTACACAGAG 18
|||||
Query Match      3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

RESULT 188
PCT-US02-31357-85/c
; Sequence 85, Application PC/TUS0231357
; GENERAL INFORMATION:
; APPLICANT: Curagen Corporation, et al
; TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS
; TITLE OF INVENTION: THE SAME
; FILE REFERENCE: 21402-462D-061
; CURRENT APPLICATION NUMBER: PCT/US02/31357
; CURRENT FILING DATE: 2002-10-02
; PRIOR APPLICATION NUMBER: 60/327,454
; PRIOR FILING DATE: 2001-10-05
; PRIOR APPLICATION NUMBER: 60/327,917
; PRIOR FILING DATE: 2001-10-09
; PRIOR APPLICATION NUMBER: 60/328,029
; PRIOR FILING DATE: 2001-10-09
; PRIOR APPLICATION NUMBER: 60/328,056
; PRIOR FILING DATE: 2001-10-09
; PRIOR APPLICATION NUMBER: 60/328,849
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/329,414
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/330,142
; PRIOR FILING DATE: 2001-10-17
; PRIOR APPLICATION NUMBER: 60/341,058
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: 60/343,629
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 60/349,575
; PRIOR FILING DATE: 2001-10-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 133
; SOFTWARE: CuraSeqList version 0.1
; SEQ ID NO 85
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
PCT-US02-31357-85

Query Match      3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      612 CTGACTCTGCTGGTTCCTG 631
|||||
Db      20 CAGACTCTGCTGGTTCATG 1

Query Match      3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

RESULT 189
PCT-US03-20865-3335/c
; Sequence 3335, Application PC/TUS0320865
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corporation
; APPLICANT: Kane, Christopher D
; TITLE OF INVENTION: ANTISENSE MODULATION OF LRHI EXPRESSION
; FILE REFERENCE: 011901/PCT
; CURRENT APPLICATION NUMBER: PCT/US03/20865
; CURRENT FILING DATE: 2003-07-01
; PRIOR APPLICATION NUMBER: 60/392,813
; PRIOR FILING DATE: 2002-07-01
; NUMBER OF SEQ ID NOS: 3450
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3335
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:

; OTHER INFORMATION: Human LRHI antisense
PCT-US03-20865-3335

Query Match      3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      643 TAAATCAGACCTCAGTCT 662
|||||
Db      20 TAAGTCATAGACCAAGTCT 1

RESULT 190
US-07-920-483B-183/c
; Sequence 183, Application US/07920483B
; GENERAL INFORMATION:
; APPLICANT: McCormick, Francis P.
; APPLICANT: Lyons, John F.
; TITLE OF INVENTION: Detection of Point Mutations in
; TITLE OF INVENTION: Genes Encoding GTP Binding Proteins
; NUMBER OF SEQUENCES: 254
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingeland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/920,483B
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sias Ph.D. Stacey R.
; REGISTRATION NUMBER: 32,630
; REFERENCE/DOCKET NUMBER: 8687
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2863
; TELEFAX: (510) 814-2977
; TELEX:
; INFORMATION FOR SEQ ID NO: 183:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-07-920-483B-183

Query Match      3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      527 TTCCCAACATCTCTGCTCC 546
|||||
Db      20 TTCCCAACACCACCTGCTCC 1

RESULT 191
US-08-471-498-1/c
; Sequence 1, Application US/08471498
; GENERAL INFORMATION:
; APPLICANT: Weirer, Amy J.
; APPLICANT: Houghton, Michael
; TITLE OF INVENTION: Immunoreactive Polypeptide Compositions
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Chiron Corporation
```

```
; STREET: 4560 Horton Street
; CITY: Emeryville
; STATE: CA
; COUNTRY: USA
; ZIP: 94608
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/08/471,498
; APPLICATION NUMBER: US/08/471,498
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/759,575
; FILING DATE: 13-SEP-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: McClung, Barbara G.
; REGISTRATION NUMBER: 33,113
; REFERENCE/DOCKET NUMBER: 0205.001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 601-2708
; TELEFAX: (510) 655-3542
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-471-498-1

Query Match          3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 548 AGGCTCCCGAGCGAGCTCC 567
Db 20 AGGACTCCCGAGTGACACC 1

RESULT 192
US-10-144-577-18
; Sequence 18, Application US/10144577
; GENERAL INFORMATION:
; APPLICANT: MacLeod, Alan Robert
; TITLE OF INVENTION: Inhibitors of DNA Methyltransferase Isoforms
; FILE REFERENCE: MET-005
; CURRENT APPLICATION NUMBER: US/10/144,577
; CURRENT FILING DATE: 2002-05-13
; PRIOR APPLICATION NUMBER: US 60/290,202
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/290,212
; PRIOR FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-144-577-18

Query Match          3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 853 CGTCTGGCTCCAGTTGGAA 872
Db 1 CGTGTGGCTCCAGTTACAA 20

RESULT 193
US-10-144-577-18
; Sequence 18, Application US/10144577
; GENERAL INFORMATION:
; APPLICANT: MacLeod, Alan Robert
; TITLE OF INVENTION: Inhibitors of DNA Methyltransferase Isoforms
; FILE REFERENCE: MET-005
; CURRENT APPLICATION NUMBER: US/10/144,577
; CURRENT FILING DATE: 2002-05-13
; PRIOR APPLICATION NUMBER: US 60/290,202
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/290,212
; PRIOR FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-144-577-18

Query Match          3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 853 CGTCTGGCTCCAGTTGGAA 872
Db 1 CGTGTGGCTCCAGTTACAA 20

RESULT 193
```

```
US-10-144-577-20
; Sequence 20, Application US/10144577
; GENERAL INFORMATION:
; APPLICANT: MacLeod, Alan Robert
; TITLE OF INVENTION: Inhibitors of DNA Methyltransferase Isoforms
; FILE REFERENCE: MET-005
; CURRENT APPLICATION NUMBER: US/10/144,577
; CURRENT FILING DATE: 2002-05-13
; PRIOR APPLICATION NUMBER: US 60/290,202
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/290,212
; PRIOR FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-144-577-20

Query Match          3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.7e+02;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 853 CGTCTGGCTCCAGTTGGAA 872
Db 1 CGUGTGGCTCCAGTTACAA 20

RESULT 194
US-10-144-577-46
; Sequence 46, Application US/10144577
; GENERAL INFORMATION:
; APPLICANT: MacLeod, Alan Robert
; TITLE OF INVENTION: Inhibitors of DNA Methyltransferase Isoforms
; FILE REFERENCE: MET-005
; CURRENT APPLICATION NUMBER: US/10/144,577
; CURRENT FILING DATE: 2002-05-13
; PRIOR APPLICATION NUMBER: US 60/290,202
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/290,212
; PRIOR FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 46
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-144-577-46

Query Match          3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 853 CGTCTGGCTCCAGTTGGAA 872
Db 1 CGTGTGGCTCCAGTTACAA 20

RESULT 195
US-10-190-312A-167/c
; Sequence 167, Application US/10190312A
; GENERAL INFORMATION:
; APPLICANT: Chromagenics B.V.
; APPLICANT: Otte, Arie P.
; TITLE OF INVENTION: DNA sequences comprising gene transcription regulatory qualities
; FILE REFERENCE: 2183-4993.1
; CURRENT APPLICATION NUMBER: US/10/190,312A
; CURRENT FILING DATE: 2002-07-05
; PRIOR APPLICATION NUMBER: 60/303,199
; PRIOR FILING DATE: 2001-07-05
```

```

; NUMBER OF SEQ ID NOS: 1079
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 167
; LENGTH: 20

```

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;
; TYPE: DNA
; ORGANISM: Artificial Sequence

```

OTHER INFORMATION: oligonucleotide E21
US-10-190-312A-167

Query Match 3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels

```

RESULT 197
US-10-298-123-32
; Sequence 32, Application US/10298123
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PROTEIN KIN
; FILE REFERENCE: HTS-0050
; CURRENT APPLICATION NUMBER: US/10/298,123
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 76
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-298-123-32

```

```

Query Match      3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      781 GCAGCCCTCTGGTGCCAG 800
      |||||
Db      1 GCAGCACCTGGGTGCCAG 20

```

```

RESULT 198
US-10-298-123-63/c
; Sequence 63, Application US/10298123
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PROTEIN KINASE D2 EXPRESSION
; FILE REFERENCE: HTS-0050
; CURRENT APPLICATION NUMBER: US/10/298,123
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 76
; SEQ ID NO 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-298-123-63

```

```

Query Match      3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 781 GCAGCCCCCTCTGTCGCCAAG 800
      |||||
Db 20 GCAGCACCTCGGTCGCAGG 1

```

RESULT 199
US-10-303-778-634/c
; Sequence 634, Application US/10303778
; GENERAL INFORMATION:

; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL VIRAL
; FILE OF INVENTION: REGULATORY GENES AND USES THEREOF
; FILE REFERENCE: 47416
; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 634
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-303-778-634

Query Match 3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 839 TTCTCTGAAGACAGGCTCT 858
DB 20 TTCTCTGACACAGTGTCT 1

RESULT 200
US-10-315-765-29
; Sequence 29, Application US/10315765
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF CDK9 EXPRESSION
; FILE REFERENCE: PTS-0020
; CURRENT APPLICATION NUMBER: US/10/315,765
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 128
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-315-765-29

Query Match 3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 555 CCCAGCGAGCTCTCCCGA 574
DB 1 CTCAGCGGGCTGCTCCCGA 20

RESULT 201
US-10-315-765-93/c
; Sequence 93, Application US/10315765
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF CDK9 EXPRESSION
; FILE REFERENCE: PTS-0020
; CURRENT APPLICATION NUMBER: US/10/315,765
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 128
; SEQ ID NO 93
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-315-765-93

Query Match 3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 555 CCCAGCGAGCTCTCCCGA 574
DB 20 CTCAGCGGGCTGCTCCCGA 1

RESULT 202
PCT-US03-17676-47/c
; Sequence 47, Application PC/TUS0317676
; GENERAL INFORMATION:
; APPLICANT: Sequenom, Inc.
; APPLICANT: Adam Gail Isabel
; APPLICANT: Langdown, Maria
; APPLICANT: Roth, Richard
; APPLICANT: Denissenko, Mikhail
; APPLICANT: Smylie, Kevin
; TITLE OF INVENTION: DIAGNOSING PREDISPOSITION TO FAT
; TITLE OF INVENTION: DEPOSITION AND THERAPEUTIC METHODS FOR REDUCING FAT
; TITLE OF INVENTION: DEPOSITION AND TREATMENT OF ASSOCIATED CONDITIONS
; FILE REFERENCE: 52459-20030.40
; CURRENT APPLICATION NUMBER: PCT/US03/17676
; CURRENT FILING DATE: 2003-06-04
; PRIOR APPLICATION NUMBER: US 60/386,012
; PRIOR FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 47
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
PCT-US03-17676-47

Query Match 3.8%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 822 TGGCTGTGCTCTCTTTCTTC 841
DB 20 TGTCTGTGTCTTTTCTTC 1

RESULT 203
US-10-019-348-19/c
; Sequence 19, Application US/10019348
; GENERAL INFORMATION:
; APPLICANT: Nelson, Peter S
; APPLICANT: Hood, Leroy
; APPLICANT: Lin, Biaoyang
; TITLE OF INVENTION: Prostate-Specific Nucleic Acids
; FILE REFERENCE: UOPW-1-18176
; CURRENT APPLICATION NUMBER: US/10/019,348
; CURRENT FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: PCT/US00/10920
; PRIOR FILING DATE: 2000-04-21
; PRIOR APPLICATION NUMBER: 60/130,778
; PRIOR FILING DATE: 1999-04-23
; PRIOR APPLICATION NUMBER: 60/151,585
; PRIOR FILING DATE: 1999-08-30
; PRIOR APPLICATION NUMBER: 60/174,003
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 60/177,751
; PRIOR FILING DATE: 2000-01-24
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 19
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer

```
; NAME/KEY: misc.binding
; LOCATION: (1)-(21)
; OTHER INFORMATION: ARS01 PCR primer 6A4N2
US-10-019-348-19

Query Match      3.8%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 530 CCAACATCTCTGCTCTCTAG 549
Db 20 CCAACATCTCTCTCACCAG 1

RESULT 204
US-10-455-552-47/c
; Sequence 47, Application US/10455552
; GENERAL INFORMATION:
; APPLICANT: Adam, Gail Isabel
; APPLICANT: Langdown, Maria
; APPLICANT: Roth, Richard
; APPLICANT: Denisenko, Mikhail
; APPLICANT: Smylie, Kevin
; TITLE OF INVENTION: DIAGNOSING PREDISPOSITION TO FAT
; TITLE OF INVENTION: DEPOSITION AND THERAPEUTIC METHODS FOR REDUCING FAT
; TITLE OF INVENTION: DEPOSITION AND TREATMENT OF ASSOCIATED CONDITIONS
; FILE REFERENCE: 52459-20030.00
; CURRENT APPLICATION NUMBER: US/10/455,552
; CURRENT FILING DATE: 2003-06-04
; PRIOR APPLICATION NUMBER: US 60/386,012
; PRIOR FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 47
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-455-552-47

Query Match      3.8%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 822 TGGCTGTGTCTCTTTCTTC 841
Db 20 TGTCTGTGTCTTTCTTC 1

RESULT 205
US-10-751-736-181/c
; Sequence 181, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 181
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-181

Query Match      3.8%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 822 TGGCTGTGTCTCTTTCTTC 841
Db 20 TGTCTGTGTCTTTCTTC 1

RESULT 206
US-10-751-736-182/c
; Sequence 182, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 182
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
US-10-751-736-182

Query Match      3.8%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 636 AGGCTCTTAAGTCACAGACC 655
Db 20 AGGCACCAAGTCACAGATC 1

RESULT 207
US-10-751-736-12863/c
; Sequence 12863, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12863
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
US-10-751-736-12863

Query Match      3.8%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 658 AGTCTTTCTCGAAGCTTGGC 677
Db 20 ACTCTTTCTCGAAGCTTGTG 1
```

RESULT 208

US-10-751-736-14101/c
; Sequence 14101, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14101
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-14101

Query Match 3.8%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 732 TCATAGACTTGGTAGGTC 751

Db 20 TCTTAGACTTGGTAAGTC 1

RESULT 209

US-10-751-736-17698
; Sequence 17698, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17698
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-17698

Query Match 3.8%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 611 ACTGACTCTGCTGGTTCCT 630

Db 2 ACTGACTCTGATGTGCT 21

RESULT 210

US-10-751-736-38368/c
; Sequence 38368, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON

; TITLE OF INVENTION: CANCERS

; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 38368
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-38368

Query Match 3.8%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 624 GGTTCCTGAGAGGGTCTCT 643

Db 21 GCTTCCTGAGAGGGCAGCT 2

RESULT 211

US-10-310-188-16316
; Sequence 16316, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16316
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-16316

Query Match 3.8%; Score 15; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 747 GGGTCCCGAGGGTCCC 761

Db 4 GGGTCCCGAGGGTCCC 18

RESULT 212

US-09-451-662-25/c
; Sequence 25, Application US/09451662
; GENERAL INFORMATION:
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: HAIRPIN RIBOZYMES
; NUMBER OF SEQUENCES: 48
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/451,662
FILING DATE: 30-Nov-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/773,297
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 223/225
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 25:
US-09-451-662-25

Query Match 3.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 840 TCTCTGAAGACAGCGTCC 857
| | | | | | | | | | | | | | | | | |
Db 18 TGTCTGAAGACAGCTTCC 1

RESULT 213
US-09-451-662-27/c
Sequence 27, Application US/09451662
GENERAL INFORMATION:
APPLICANT: Chowrira, Bharat
TITLE OF INVENTION: HAIRPIN RIBOZYMES
NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/451,662
FILING DATE: 30-Nov-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/773,297
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 223/225
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 27:
US-09-451-662-27

Query Match 3.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 840 TCTCTGAAGACAGCGTCC 857
| | | | | | | | | | | | | | | | | |
Db 18 TGTCTGAAGACAGCTTCC 1

RESULT 214
PCT-US03-05045-188/c
Sequence 188, Application PC/TUS0305045
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics Inc.
APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid
APPLICANT: Pavco, Pamela
APPLICANT: Fosnaugh, Kathy
APPLICANT: Jamison, Sharon
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
FILE REFERENCE: 400/081 (MBHB 02-468-B)
CURRENT APPLICATION NUMBER: PCT/US03/05045
CURRENT FILING DATE: 2003-05-07
PRIOR APPLICATION NUMBER: US 60/393,924
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/251,117
PRIOR FILING DATE: 2002-09-19
PRIOR APPLICATION NUMBER: US 10/163,552
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 10/277,494
PRIOR FILING DATE: 2002-10-21
PRIOR APPLICATION NUMBER: US 09/916,466
PRIOR FILING DATE: 2001-07-25
PRIOR APPLICATION NUMBER: PCT/US 02/16840
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 1263
SOFTWARE: PatentIn version 3.2
SEQ ID NO 188
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
PCT-US03-05045-188

Query Match 3.7%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 764 GGCCTCCACTTCTGAGGG 781
| | | | | | | | | | | | | | | | | |
Db 18 GGCCTCCTCTTCAGAGG 1

RESULT 215
PCT-US03-05045-247
Sequence 247, Application PC/TUS0305045
GENERAL INFORMATION:

```

; PRIOR FILING DATE: 2002-10-21
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1263
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 437
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-05045-437

Query Match 3.7%; Score 14.8; DB 1; Length 19;
Best Local Similarity 72.2%; Pred. No. 1.7e+02;
Matches 13; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1 764 GGCCTCCACTCTCAGGG 781
Db 2 GGCCTCCCTCAGGG 19

RESULT 217
PCT-US03-05045-496/c
; Sequence 496, Application PC/TUS0305045
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; APPLICANT: Posnaugh, Kathy
; APPLICANT: Jamison, Sharon
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
; TITLE OF INVENTION: Receptor Gene Expression Using Short Interfering RNA
; FILE REFERENCE: 400/081 (MHRB 02-468-B)
; CURRENT APPLICATION NUMBER: PCT/US03/05045
; CURRENT FILING DATE: 2003-05-07
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/251,117
; PRIOR FILING DATE: 2002-09-19
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 10/277,494
; PRIOR FILING DATE: 2002-10-21
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1263
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 496
; LENGTH: 19

```

```
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:  s1NA antisense region
PCT-US03-05045-496

Query Match          3.7%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 582 TTTTGTCTGTTTCTTA 599
    ||||| ||||| |||||
Db 18 TTTTGTCTGTTTCTTA 1

RESULT 218
PCT-US03-05045-619/c
; Sequence 619, Application PC/TUS0305045
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; APPLICANT: Fosnaugh, Kathy
; APPLICANT: Jamison, Sharon
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
; FILE REFERENCE: 400/081 (MBHB 02-468-B)
; CURRENT APPLICATION NUMBER: PCT/US03/05045
; CURRENT FILING DATE: 2003-05-07
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/251,117
; PRIOR FILING DATE: 2002-09-19
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 10/277,494
; PRIOR FILING DATE: 2002-10-21
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1263
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 619
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/s1NA sense
PCT-US03-05045-619

Query Match          3.7%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 676 GCGGACCCCGGCGCCAC 693
    ||||| ||||| |||||
Db 19 GCGGATCCCGGCGCCAC 2

RESULT 219
PCT-US03-05045-926
; Sequence 926, Application PC/TUS0305045
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; APPLICANT: Fosnaugh, Kathy
; APPLICANT: Jamison, Sharon
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
; FILE REFERENCE: 400/081 (MBHB 02-468-B)
; CURRENT APPLICATION NUMBER: PCT/US03/05045
; CURRENT FILING DATE: 2003-05-07
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/251,117
; PRIOR FILING DATE: 2002-09-19
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 10/277,494
; PRIOR FILING DATE: 2002-10-21
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1263
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 619
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/s1NA sense
PCT-US03-05045-619

Query Match          3.7%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 676 GCGGACCCCGGCGCCAC 693
    ||||| ||||| |||||
Db 19 GCGGATCCCGGCGCCAC 2
```

```
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; APPLICANT: Fosnaugh, Kathy
; APPLICANT: Jamison, Sharon
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
; FILE REFERENCE: 400/081 (MBHB 02-468-B)
; CURRENT APPLICATION NUMBER: PCT/US03/05045
; CURRENT FILING DATE: 2003-05-07
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/251,117
; PRIOR FILING DATE: 2002-09-19
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 10/277,494
; PRIOR FILING DATE: 2002-10-21
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1263
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 926
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:  s1NA antisense region
PCT-US03-05045-926

Query Match          3.7%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 676 GCGGACCCCGGCGCCAC 693
    ||||| ||||| |||||
Db 1 GCGGATCCCGGCGCCAC 18

RESULT 220
US-09-453-607A-2576
; Sequence 2576, Application US/09453607A
; GENERAL INFORMATION:
; APPLICANT: Immusol, Inc. et al.
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT AND/OR PREVENTION OF RESTENOSIS
; FILE REFERENCE: 480124.406
; CURRENT APPLICATION NUMBER: US/09/453,607A
; CURRENT FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 4388
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2576
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin G1 ribozyme binding site
US-09-453-607A-2576

Query Match          3.7%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
```

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 537 CCTCTGCTCTAGGCTC 554
|||||
Db 2 CCTCTCTCTAGGCTC 19

RESULT 221

US-09-453-607C-2576
Sequence 2576, Application US/09453607C

; GENERAL INFORMATION:
; APPLICANT: Immusol, Inc. et al.
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT AND/OR PREVENTION OF
; FILE REFERENCE: 480124.406
; CURRENT APPLICATION NUMBER: US/09/453,607C
; CURRENT FILING DATE: 1999-12-07
; NUMBER OF SEQ ID NOS: 4389
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2576
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin G1 ribozyme binding site

US-09-453-607C-2576

Query Match 3.7%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 537 CCTCTGCTCTAGGCTC 554
|||||
Db 2 CCTCTCTCTAGGCTC 19

RESULT 222

US-09-696-791-2576
Sequence 2576, Application US/09696791

; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2576
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin G1 ribozyme binding site

US-09-696-791-2576

Query Match 3.7%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 537 CCTCTGCTCTAGGCTC 554
|||||
Db 2 CCTCTCTCTAGGCTC 19

RESULT 223

US-10-251-117-188/c
Sequence 188, Application US/10251117

; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R

; TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
; FILE REFERENCE: 900/042 (MBH02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 188
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
US-10-251-117-188

Query Match 3.7%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 764 GGCCTCCACTTCTGAGG 781
|||||
Db 18 GGCCTCTCTTTCAGAGG 1

RESULT 224

US-10-251-117-247

; Sequence 247, Application US/10251117
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
; TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
; FILE REFERENCE: 900/042 (MBH02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 247
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r

US-10-251-117-247

Query Match 3.7%; Score 14.8; DB 1; Length 19;
Best Local Similarity 16.7%; Pred. No. 1.7e+02;
Matches 3; Conservative 13; Mismatches 2; Indels 0; Gaps 0;

QY 582 TTTTCTCTGTTTCTA 599
:::::|:::|
Db 2 UUUUGUUUUUUUUUU 19


```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-251-117-980

Query Match          3.7%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 676 GCGGACCCCGAGGCCAC 693
Db 1 GCGGACCCCGAGGCCAC 18

RESULT 229
US-10-310-188-1972/c
; Sequence 1972, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1972
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-1972

Query Match          3.7%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 678 GGAGCCCCCGAGGCCAC 695
Db 19 GGAGCCCCCGAGGCCAC 2

RESULT 230
US-10-310-188-58104/c
; Sequence 58104, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 58104
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-58104

Query Match          3.7%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 582 TTTTCTTCTGTTTCTTA 599
Db 18 TTTTCTTCTGTTTCTTA 1

RESULT 231
PCT-US03-05271-35
; Sequence 35, Application PC/TUS0305271
; GENERAL INFORMATION:
; APPLICANT: MedImmune Vaccines, Inc
```

```
; APPLICANT: ViroNovative BV
; TITLE OF INVENTION: METAPNEUMOVIRUS STRAINS AND THEIR
; TITLE OF INVENTION: USE IN VACCINE FORMULATIONS AND AS
; TITLE OF INVENTION: VECTORS FOR EXPRESSION OF
; TITLE OF INVENTION: ANTIGENIC SEQUENCES
; FILE REFERENCE: 7682-063-228
; CURRENT APPLICATION NUMBER: PCT/US03/05271
; CURRENT FILING DATE: 2003-05-21
; NUMBER OF SEQ ID NOS: 389
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
PCT-US03-05271-35

Query Match          3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 653 ACCTCAGCTCTTCTCGAA 670
Db 2 ACCCCAGCTCTTCTTGAA 19

RESULT 232
PCT-US03-23376-35
; Sequence 35, Application PC/TUS0323376
; GENERAL INFORMATION:
; APPLICANT: MedImmune, Inc.
; TITLE OF INVENTION: METHODS OF TREATING AND PREVENTING
; TITLE OF INVENTION: RSV, HMPV, AND PIV USING ANTI-RSV,
; TITLE OF INVENTION: ANTI-HMPV, AND ANTI-PIV ANTIBODIES
; FILE REFERENCE: 10271-072-228
; CURRENT APPLICATION NUMBER: PCT/US03/23376
; CURRENT FILING DATE: 2003-07-28
; PRIOR APPLICATION NUMBER: 60/398,475
; PRIOR FILING DATE: 2002-07-25
; NUMBER OF SEQ ID NOS: 437
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
PCT-US03-23376-35

Query Match          3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 653 ACCTCAGCTCTTCTCGAA 670
Db 2 ACCCCAGCTCTTCTTGAA 19

RESULT 233
US-08-339-516-6
; Sequence 6, Application US/08339516
; GENERAL INFORMATION:
; APPLICANT: Stuart F. Schlossman, Lee M. Nadler
; APPLICANT: and Arnold S. Freedman
; TITLE OF INVENTION: PURGING OF TUMOR CELLS
; TITLE OF INVENTION: FROM BONE MARROW USING MICROSPHERES AND
; TITLE OF INVENTION: MONOCLONAL ANTIBODIES
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Silverman, Cass & Singer
; STREET: 105 West Adams Street, 27th Floor
; CITY: Chicago
```

STATE: Illinois
COUNTRY: USA
ZIP: 60603
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 in., 360 Kb
COMPUTER: Zenith, Model ZF-148-41.
OPERATING SYSTEM: MS DOS 3.10
SOFTWARE: Xywrite III, Ver. 3.041
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/339,516
FILING DATE: 14-NOV-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/963,104
FILING DATE: October 19, 1992
APPLICATION NUMBER: US/07/799,087
FILING DATE: November 27, 1991
ATTORNEY/AGENT INFORMATION:
NAME: Myron C. Cass
REGISTRATION NUMBER: 17,480
REFERENCE/DOCKET NUMBER: 129,182
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 726-6006
TELEFAX: (312) 726-2520
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-339-516-6

Query Match 3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 752 CCAGGGTCCCTAGGCCTC 769
|||||
Db 2 CCAGGGTCCCTAGGCCTC 19

RESULT 234
US-09-927-796-214
Sequence 214, Application US/09927796
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Marsters, Scott A.
APPLICANT: Pan, James
APPLICANT: Pitti, Robert M.
APPLICANT: Roy, Margaret Ann
APPLICANT: Smith, Victoria
APPLICANT: Stone, Donna M.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
FILE REFERENCE: P2931R1C1
CURRENT APPLICATION NUMBER: US/09/927,796
CURRENT FILING DATE: 2001-08-09
PRIOR APPLICATION NUMBER: 60/014699
PRIOR FILING DATE: 1996-04-01
PRIOR APPLICATION NUMBER: 60/026943
PRIOR FILING DATE: 1996-09-23
PRIOR APPLICATION NUMBER: 60/059121
PRIOR FILING DATE: 1997-07-17
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/062037
PRIOR FILING DATE: 1997-10-10
PRIOR APPLICATION NUMBER: 60/063755

PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/063045
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063046
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/066511
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/066772
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/067411
PRIOR FILING DATE: 1997-12-03
PRIOR APPLICATION NUMBER: 60/069862
PRIOR FILING DATE: 1997-12-17
PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/095929
PRIOR FILING DATE: 1998-08-10
PRIOR APPLICATION NUMBER: 60/097978
PRIOR FILING DATE: 1998-08-26
PRIOR APPLICATION NUMBER: 60/103396
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/108867
PRIOR FILING DATE: 1998-11-17
PRIOR APPLICATION NUMBER: 60/112851
PRIOR FILING DATE: 1998-12-16
PRIOR APPLICATION NUMBER: 60/119965
PRIOR FILING DATE: 1999-02-12
PRIOR APPLICATION NUMBER: 60/123972
PRIOR FILING DATE: 1999-03-11
PRIOR APPLICATION NUMBER: 60/133459
PRIOR FILING DATE: 1999-05-11
PRIOR APPLICATION NUMBER: 60/140650
PRIOR FILING DATE: 1999-06-22
PRIOR APPLICATION NUMBER: 60/140653
PRIOR FILING DATE: 1999-06-22
PRIOR APPLICATION NUMBER: 60/144758
PRIOR FILING DATE: 1999-07-20
PRIOR APPLICATION NUMBER: 60/145698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: 60/146222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: 60/149395
PRIOR FILING DATE: 1999-08-17
PRIOR APPLICATION NUMBER: 60/151689
PRIOR FILING DATE: 1999-08-31
PRIOR APPLICATION NUMBER: 60/1625328
PRIOR FILING DATE: 1996-04-01
PRIOR APPLICATION NUMBER: 60/170802
PRIOR FILING DATE: 1996-09-23
PRIOR APPLICATION NUMBER: 60/800699
PRIOR FILING DATE: 1997-02-14
PRIOR APPLICATION NUMBER: 60/828683
PRIOR FILING DATE: 1997-03-31
PRIOR APPLICATION NUMBER: 60/829270
PRIOR FILING DATE: 1997-03-31
PRIOR APPLICATION NUMBER: 60/928069
PRIOR FILING DATE: 1997-09-11
PRIOR APPLICATION NUMBER: 60/934494
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/143068
PRIOR FILING DATE: 1998-08-28
PRIOR APPLICATION NUMBER: 60/143707
PRIOR FILING DATE: 1998-08-28
PRIOR APPLICATION NUMBER: 60/151889
PRIOR FILING DATE: 1998-09-11
PRIOR APPLICATION NUMBER: 60/169104
PRIOR FILING DATE: 1998-10-09
PRIOR APPLICATION NUMBER: 60/202089
PRIOR FILING DATE: 1998-12-08
PRIOR APPLICATION NUMBER: 60/254311
PRIOR FILING DATE: 1999-03-03
PRIOR APPLICATION NUMBER: 60/304003
PRIOR FILING DATE: 1999-04-30

PRIOR APPLICATION NUMBER: 09/380137
PRIOR FILING DATE: 1999-08-25
PRIOR APPLICATION NUMBER: 09/380138
PRIOR FILING DATE: 1999-08-25
PRIOR APPLICATION NUMBER: 09/380139
PRIOR FILING DATE: 1999-08-25
PRIOR APPLICATION NUMBER: 09/403297
PRIOR FILING DATE: 1999-10-18
PRIOR APPLICATION NUMBER: 09/423844
PRIOR FILING DATE: 1999-11-12
PRIOR APPLICATION NUMBER: 09/511133
PRIOR FILING DATE: 2000-02-23
PRIOR APPLICATION NUMBER: 09/511631
PRIOR FILING DATE: 2000-02-23
PRIOR APPLICATION NUMBER: 09/664610
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: 09/665350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: 09/690169
PRIOR FILING DATE: 2000-10-16
PRIOR APPLICATION NUMBER: 09/690189
PRIOR FILING DATE: 2000-10-16
PRIOR APPLICATION NUMBER: 09/709238
PRIOR FILING DATE: 2000-11-18
PRIOR APPLICATION NUMBER: 09/866034
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: 09/872035
PRIOR FILING DATE: 2001-06-01
PRIOR APPLICATION NUMBER: 09/884733
PRIOR FILING DATE: 2001-06-19
PRIOR APPLICATION NUMBER: 09/886342
PRIOR FILING DATE: 2001-06-19
PRIOR APPLICATION NUMBER: 09/866028
PRIOR FILING DATE: 2001-08-25
PRIOR APPLICATION NUMBER: PCT/US97/05230
PRIOR FILING DATE: 1997-03-31
PRIOR APPLICATION NUMBER: PCT/US98/19094
PRIOR FILING DATE: 1998-09-14
PRIOR APPLICATION NUMBER: PCT/US98/19330
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: PCT/US98/21407
PRIOR FILING DATE: 1998-10-09
PRIOR APPLICATION NUMBER: PCT/US98/25108
PRIOR FILING DATE: 1998-12-01
PRIOR APPLICATION NUMBER: PCT/US99/05028
PRIOR FILING DATE: 1999-03-08
PRIOR APPLICATION NUMBER: PCT/US99/12252
PRIOR FILING DATE: 1999-06-02
PRIOR APPLICATION NUMBER: PCT/US99/20111
PRIOR FILING DATE: 1999-09-01
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28301
PRIOR FILING DATE: 1999-12-01
PRIOR APPLICATION NUMBER: PCT/US99/28634
PRIOR FILING DATE: 1999-12-01
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: PCT/US00/03565
PRIOR FILING DATE: 2000-02-11
PRIOR APPLICATION NUMBER: PCT/US00/04341
PRIOR FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/US00/04342
PRIOR FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: PCT/US00/05941
PRIOR FILING DATE: 2000-03-02
PRIOR APPLICATION NUMBER: PCT/US00/06684

PRIOR FILING DATE: 2000-03-15
PRIOR APPLICATION NUMBER: PCT/US00/08439
PRIOR FILING DATE: 2000-03-30
PRIOR APPLICATION NUMBER: PCT/US00/13705
PRIOR FILING DATE: 2000-05-17
PRIOR APPLICATION NUMBER: PCT/US00/14941
PRIOR FILING DATE: 2000-05-30
PRIOR APPLICATION NUMBER: PCT/US00/15264
PRIOR FILING DATE: 2000-06-02
PRIOR APPLICATION NUMBER: PCT/US00/20710
PRIOR FILING DATE: 2000-07-28
PRIOR APPLICATION NUMBER: PCT/US00/32678
PRIOR FILING DATE: 2000-12-01
PRIOR APPLICATION NUMBER: PCT/US01/17800
PRIOR FILING DATE: 2001-06-01
PRIOR APPLICATION NUMBER: PCT/US01/19692
PRIOR FILING DATE: 2001-06-20
PRIOR APPLICATION NUMBER: PCT/US01/21066
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: PCT/US01/21735
PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 258
SEQ ID NO 214
LENGTH: 20

Query Match 3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.8e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 760 CCTAGGCTCCACTTCTG 777
|||||
Db 1 CCTTGGCTCCACTTCTG 18
|||||

RESULT 235

US-10-210-951-214
Sequence 214, Application US/10210951
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Marsters, Scot A.
APPLICANT: Pan, James
APPLICANT: Pitti, Robert M.
APPLICANT: Roy, Margaret Ann
APPLICANT: Smith, Victoria
APPLICANT: Stone, Donna M.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
FILE REFERENCE: P2931R1C1
CURRENT APPLICATION NUMBER: US/10/210,951
CURRENT FILING DATE: 2002-08-02
PRIOR APPLICATION NUMBER: 60/014699
PRIOR FILING DATE: 1996-04-01
PRIOR APPLICATION NUMBER: 60/026943
PRIOR FILING DATE: 1996-09-23
PRIOR APPLICATION NUMBER: 60/059121
PRIOR FILING DATE: 1997-07-17
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/062037
PRIOR FILING DATE: 1997-10-10
PRIOR APPLICATION NUMBER: 60/063755
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/063045
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063046
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/066511
PRIOR FILING DATE: 1997-11-24

;; PRIOR APPLICATION NUMBER: 60/066772
;; PRIOR FILING DATE: 1997-11-24
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 258
;; SEQ ID NO 214
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic Oligonucleotide Probe.
US-10-210-951-214

Query Match 3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 760 CCTAGGCTCCACTTCG 777
||| ||||| |||||
Db 1 CCTGGCCTCCATTTCG 18

RESULT 236
US-10-211-858-214
;; Sequence 214, Application US/10211858
;; GENERAL INFORMATION:
;; APPLICANT: Ashkenazi, Avi J.
;; APPLICANT: Goddard, Audrey
;; APPLICANT: Godowski, Paul J.
;; APPLICANT: Gurney, Austin L.
;; APPLICANT: Hillan, Kenneth J.
;; APPLICANT: Marsters, Scot A.
;; APPLICANT: Pan, James
;; APPLICANT: Pitti, Robert M.
;; APPLICANT: Roy, Margaret Ann
;; APPLICANT: Smith, Victoria
;; APPLICANT: Stone, Donna M.
;; APPLICANT: Watanabe, Colin K.
;; APPLICANT: Wood, William I.
;; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
;; FILE REFERENCE: P2931R1C1
;; CURRENT APPLICATION NUMBER: US/10/211,858
;; CURRENT FILING DATE: 2002-08-02
;; PRIOR APPLICATION NUMBER: 60/014699
;; PRIOR FILING DATE: 1996-04-01
;; PRIOR APPLICATION NUMBER: 60/026943
;; PRIOR FILING DATE: 1996-09-23
;; PRIOR APPLICATION NUMBER: 60/059121
;; PRIOR FILING DATE: 1997-07-17
;; PRIOR APPLICATION NUMBER: 60/059352
;; PRIOR FILING DATE: 1997-09-19
;; PRIOR APPLICATION NUMBER: 60/062037
;; PRIOR FILING DATE: 1997-10-10
;; PRIOR APPLICATION NUMBER: 60/063755
;; PRIOR FILING DATE: 1997-10-17
;; PRIOR APPLICATION NUMBER: 60/063045
;; PRIOR FILING DATE: 1997-10-24
;; PRIOR APPLICATION NUMBER: 60/063046
;; PRIOR FILING DATE: 1996-09-23
;; PRIOR APPLICATION NUMBER: 60/059121
;; PRIOR FILING DATE: 1997-07-17
;; PRIOR APPLICATION NUMBER: 60/059352
;; PRIOR FILING DATE: 1997-09-19
;; PRIOR APPLICATION NUMBER: 60/062037
;; PRIOR FILING DATE: 1997-10-10
;; PRIOR APPLICATION NUMBER: 60/063755
;; PRIOR FILING DATE: 1997-10-17
;; PRIOR APPLICATION NUMBER: 60/063045
;; PRIOR FILING DATE: 1997-10-24
;; PRIOR APPLICATION NUMBER: 60/063046
;; PRIOR FILING DATE: 1997-10-24
;; PRIOR APPLICATION NUMBER: 60/066511
;; PRIOR FILING DATE: 1997-11-24
;; PRIOR APPLICATION NUMBER: 60/066772
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 258
;; SEQ ID NO 214
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic Oligonucleotide Probe.
US-10-211-858-214

Query Match 3.7%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 760 CCTAGGCTCCACTTCG 777
||| ||||| |||||
Db 1 CCTGGCCTCCATTTCG 18

RESULT 237
US-10-211-884-214
;; Sequence 214, Application US/10211884
;; GENERAL INFORMATION:
;; APPLICANT: Ashkenazi, Avi J.
;; APPLICANT: Goddard, Audrey
;; APPLICANT: Godowski, Paul J.
;; APPLICANT: Gurney, Austin L.
;; APPLICANT: Hillan, Kenneth J.
;; APPLICANT: Marsters, Scot A.
;; APPLICANT: Pan, James
;; APPLICANT: Pitti, Robert M.
;; APPLICANT: Roy, Margaret Ann
;; APPLICANT: Smith, Victoria
;; APPLICANT: Stone, Donna M.
;; APPLICANT: Watanabe, Colin K.
;; APPLICANT: Wood, William I.
;; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
;; FILE REFERENCE: P2931R1C1
;; CURRENT APPLICATION NUMBER: US/10/211,884
;; CURRENT FILING DATE: 2002-08-02
;; PRIOR APPLICATION NUMBER: 60/014699
;; PRIOR FILING DATE: 1996-04-01
;; PRIOR APPLICATION NUMBER: 60/026943
;; PRIOR FILING DATE: 1996-09-23
;; PRIOR APPLICATION NUMBER: 60/059121
;; PRIOR FILING DATE: 1997-07-17
;; PRIOR APPLICATION NUMBER: 60/059352
;; PRIOR FILING DATE: 1997-09-19
;; PRIOR APPLICATION NUMBER: 60/062037
;; PRIOR FILING DATE: 1997-10-10
;; PRIOR APPLICATION NUMBER: 60/063755
;; PRIOR FILING DATE: 1997-10-17
;; PRIOR APPLICATION NUMBER: 60/063045
;; PRIOR FILING DATE: 1997-10-24
;; PRIOR APPLICATION NUMBER: 60/063046
;; PRIOR FILING DATE: 1997-10-24
;; PRIOR APPLICATION NUMBER: 60/066511
;; PRIOR FILING DATE: 1997-11-24
;; PRIOR APPLICATION NUMBER: 60/066772
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 258
;; SEQ ID NO 214
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic Oligonucleotide Probe.
US-10-211-884-214

Query Match 3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 760 CCTAGGCTCCACTTCG 777
||| ||||| |||||
Db 1 CCTGGCCTCCATTTCG 18

RESULT 238
US-10-310-188-23264
;; Sequence 23264, Application US/10310188
;; GENERAL INFORMATION:
;; APPLICANT: RosettaGenomics

```
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86941
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 23264
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-23264

Query Match      3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      825 CTGTGCTCTTTCTTCTCT 842
Db      3 CTGGGCTCTGTTTCTTCT 20

RESULT 239
US-10-371-099-35
; Sequence 35, Application US/10371099
; GENERAL INFORMATION:
; APPLICANT: Haller, Aurelia
; APPLICANT: Tang, Roderick
; APPLICANT: Fouchier, Ronaldus
; APPLICANT: Van Den Hoogen, Bernadetta
; APPLICANT: Osterhaus, Albertus
; TITLE OF INVENTION: METAPNEUMOVIRUS STRAINS AND THEIR
; TITLE OF INVENTION: USE IN VACCINE FORMULATIONS AND AS
; TITLE OF INVENTION: VECTORS FOR EXPRESSION OF
; TITLE OF INVENTION: ANTIGENIC SEQUENCES
; FILE REFERENCE: 7682-063-999
; CURRENT APPLICATION NUMBER: US/10/371,099
; CURRENT FILING DATE: 2003-02-21
; NUMBER OF SEQ ID NOS: 389
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-371-099-35

Query Match      3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      653 ACCTCAGTCTTTCTCGAA 670
Db      2 ACCCCAGTCTTTCTTGAA 19

RESULT 240
US-10-371-122-35
; Sequence 35, Application US/10371122
; GENERAL INFORMATION:
; APPLICANT: Haller, Aurelia
; APPLICANT: Tang, Roderick
; APPLICANT: Fouchier, Ronaldus
; APPLICANT: Van Den Hoogen, Bernadetta
; APPLICANT: Osterhaus, Albertus
; TITLE OF INVENTION: METAPNEUMOVIRUS STRAINS AND THEIR
; TITLE OF INVENTION: USE IN VACCINE FORMULATIONS AND AS
; TITLE OF INVENTION: VECTORS FOR EXPRESSION OF
; TITLE OF INVENTION: ANTIGENIC SEQUENCES
; FILE REFERENCE: 7682-066-999
; CURRENT APPLICATION NUMBER: US/10/371,122
; CURRENT FILING DATE: 2003-02-21
```

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; NUMBER OF SEQ ID NOS: 389
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-371-122-35

Query Match      3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      653 ACCTCAGTCTTTCTCGAA 670
Db      2 ACCCCAGTCTTTCTTGAA 19

RESULT 241
US-10-628-088-35
; Sequence 35, Application US/10628088
; GENERAL INFORMATION:
; APPLICANT: Young, James
; APPLICANT: Kiener, Peter
; APPLICANT: Osterhaus, Albertus
; APPLICANT: Fouchier, Ronaldus
; TITLE OF INVENTION: METHODS OF TREATING AND PREVENTING
; TITLE OF INVENTION: RSV, HMPV, AND PIV USING ANTI-RSV,
; TITLE OF INVENTION: ANTI-HMPV, AND ANTI-PIV ANTIBODIES
; FILE REFERENCE: 10271-072-999
; CURRENT APPLICATION NUMBER: US/10/628,088
; CURRENT FILING DATE: 2003-07-25
; PRIOR APPLICATION NUMBER: 60/398,475
; PRIOR FILING DATE: 2002-07-25
; NUMBER OF SEQ ID NOS: 437
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-628-088-35

Query Match      3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      653 ACCTCAGTCTTTCTCGAA 670
Db      2 ACCCCAGTCTTTCTTGAA 19

RESULT 242
US-60-465-811-35
; Sequence 35, Application US/60465811
; GENERAL INFORMATION:
; APPLICANT: Haller, Aurelia
; APPLICANT: Tang, Roderick
; APPLICANT: Fouchier, Ronaldus
; APPLICANT: Van Den Hoogen, Bernadetta
; APPLICANT: Osterhaus, Albertus
; TITLE OF INVENTION: METAPNEUMOVIRUS STRAINS AND THEIR
; TITLE OF INVENTION: USE IN VACCINE FORMULATIONS AND AS
; TITLE OF INVENTION: VECTORS FOR EXPRESSION OF
; TITLE OF INVENTION: ANTIGENIC SEQUENCES
; FILE REFERENCE: 7682-074-888
; CURRENT APPLICATION NUMBER: US/60/465,811
; CURRENT FILING DATE: 2003-04-25
; PRIOR APPLICATION NUMBER: 10/371,099
; PRIOR FILING DATE: 2003-02-21
; NUMBER OF SEQ ID NOS: 389
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; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-60-465-811-35

Query Match 3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 653 ACCTCAGTCTTTCTCGAA 670
||| ||||| ||||| |||||
Db 2 ACCCCAGTCTTTCTTGAA 19

RESULT 243

US-60-466-776-35

; Sequence 35, Application US/60466776
; GENERAL INFORMATION:
; APPLICANT: Haller, Aurelia
; APPLICANT: Tang, Roderick
; APPLICANT: Fouchier, Ronaldus
; APPLICANT: Van Den Hoogen, Bernadetta
; APPLICANT: Osterhaus, Albertus
; TITLE OF INVENTION: METAPNEUMOVIRUS STRAINS AND THEIR
; TITLE OF INVENTION: USE IN VACCINE FORMULATIONS AND AS
; TITLE OF INVENTION: VECTORS FOR EXPRESSION OF
; TITLE OF INVENTION: ANTIGENIC SEQUENCES
; FILE REFERENCE: 7682-075-888
; CURRENT APPLICATION NUMBER: US/60/466,776
; CURRENT FILING DATE: 2003-04-30
; NUMBER OF SEQ ID NOS: 389
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-60-466-776-35

Query Match 3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 653 ACCTCAGTCTTTCTCGAA 670
||| ||||| ||||| |||||
Db 2 ACCCCAGTCTTTCTTGAA 19

RESULT 244

US-60-480-658-35

; Sequence 35, Application US/60480658
; GENERAL INFORMATION:
; APPLICANT: Haller, Aurelia
; APPLICANT: Tang, Roderick
; APPLICANT: Fouchier, Ronaldus
; APPLICANT: Van Den Hoogen, Bernadetta
; APPLICANT: Osterhaus, Albertus
; TITLE OF INVENTION: METAPNEUMOVIRUS STRAINS AND THEIR
; TITLE OF INVENTION: USE IN VACCINE FORMULATIONS AND AS
; TITLE OF INVENTION: VECTORS FOR EXPRESSION OF
; TITLE OF INVENTION: ANTIGENIC SEQUENCES
; FILE REFERENCE: 7682-076-888
; CURRENT APPLICATION NUMBER: US/60/480,658
; CURRENT FILING DATE: 2003-06-20
; NUMBER OF SEQ ID NOS: 389
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 35
; LENGTH: 20

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-60-480-658-35

Query Match 3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 653 ACCTCAGTCTTTCTCGAA 670
||| ||||| ||||| |||||
Db 2 ACCCCAGTCTTTCTTGAA 19

RESULT 245

US-10-310-188-61896/c

; Sequence 61896, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGemonics
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE;
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 61896
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-310-188-61896

Query Match 3.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 537 CCTCTGCTCTTAGGCCTC 554
||| ||||| ||||| |||||
Db 19 CCTCTGCTCAGGGCCTC 2

RESULT 246

US-10-349-143-4342

; Sequence 4342, Application US/10349143
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/03/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4342
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: upstream amplification primer 99-14679 for SEQ 408,
US-10-349-143-4342

Query Match 3.7%; Score 14.8; DB 1; Length 21;

```
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 513 ACAGTACCAATATTTC 530
DB 4 ACACCAACCAATATTTC 21

RESULT 247
US-10-751-736-12862/c
; Sequence 12862, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12862
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-12862

Query Match 3.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 660 TCTTTCTCGAGCTTGGC 677
DB 20 TCTTTCTCGAGCTTGC 3

RESULT 248
US-10-751-736-12865/c
; Sequence 12865, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12865
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-12865

Query Match 3.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 660 TCTTTCTCGAGCTTGGC 677
DB 18 TCTTTCTCGAGCTTGC 1

RESULT 249
```

```
US-10-061-201-1115
; Sequence 1115, Application US/10061201
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1115
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1115

Query Match 3.6%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 744 GTAGGTCCTCCAGGTC 759
DB 2 GTAGGGGCCAGGTC 17

RESULT 250
US-10-061-201-1117
; Sequence 1117, Application US/10061201
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
```

```
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1117
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1117

Query Match          3.6%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 745 TAGGGTCCAGGCTCC 760
Db 1 TAGGGGCCCCAGGGCTCC 16

RESULT 251
US-10-303-778-15663/c
; Sequence 15663, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL
; FILE REFERENCE: 47416
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15663
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-303-778-15663

Query Match          3.6%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 778 AGGGGAGCCCTCTGG 793
Db 16 AGGGGAGCCCTCTGG 1

RESULT 252
US-10-188-30369/c
; Sequence 30369, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL
; FILE REFERENCE: 47487
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 30369
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-30369

Query Match          3.6%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 778 AGGGGAGCCCTCTGG 793
Db 16 AGGGGAGCCCTCTGG 1

RESULT 253
US-10-310-188-30369/c
; Sequence 30369, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL
; FILE REFERENCE: 47487
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 30369
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-30369

Query Match          3.6%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 778 AGGGGAGCCCTCTGG 793
Db 16 AGGGGAGCCCTCTGG 1

RESULT 254
US-10-422-588-1/c
; Sequence 1, Application US/10422588
; GENERAL INFORMATION:
; APPLICANT: Maile, Laura A.
; TITLE OF INVENTION: METHOD FOR INHIBITING CELLULAR ACTIVATION BY INSULIN-LIKE GROWTH
; FILE REFERENCE: 5470.389
; CURRENT FILING DATE: 2003-04-24
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide primer
US-10-422-588-1

Query Match          3.6%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 830 TCTCTTTCTCTCTCG 845
Db 16 TCTCTTTCTCTCTCG 1

RESULT 255
US-10-422-588-1/c
; Sequence 1, Application US/10422588
; GENERAL INFORMATION:
; APPLICANT: Maile, Laura A.
; TITLE OF INVENTION: METHOD FOR INHIBITING CELLULAR ACTIVATION BY INSULIN-LIKE GROWTH
; FILE REFERENCE: 5470.389
; CURRENT FILING DATE: 2003-04-24
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide primer
US-10-422-588-1

Query Match          3.6%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 679 GACCCCGAGGCCACA 694
Db 17 GACCCCGAGGCCACA 2

RESULT 255
US-60-328-205-1115
; Sequence 1115, Application US/60328205
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: ACOMICA-26
; CURRENT FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1115
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-328-205-1115

Query Match          3.6%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 745 TAGGGTCCAGGCTCC 760
Db 1 TAGGGGCCCCAGGGCTCC 16

RESULT 251
US-10-303-778-15663/c
; Sequence 15663, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL
; FILE REFERENCE: 47416
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15663
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-303-778-15663

Query Match          3.6%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 778 AGGGGAGCCCTCTGG 793
Db 16 AGGGGAGCCCTCTGG 1

RESULT 252
US-10-188-30369/c
; Sequence 30369, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL
; FILE REFERENCE: 47487
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 30369
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-30369

Query Match          3.6%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 778 AGGGGAGCCCTCTGG 793
Db 16 AGGGGAGCCCTCTGG 1

RESULT 253
US-10-310-188-30369/c
; Sequence 30369, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL
; FILE REFERENCE: 47487
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 30369
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-30369

Query Match          3.6%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 778 AGGGGAGCCCTCTGG 793
Db 16 AGGGGAGCCCTCTGG 1

RESULT 254
US-10-422-588-1/c
; Sequence 1, Application US/10422588
; GENERAL INFORMATION:
; APPLICANT: Maile, Laura A.
; TITLE OF INVENTION: METHOD FOR INHIBITING CELLULAR ACTIVATION BY INSULIN-LIKE GROWTH
; FILE REFERENCE: 5470.389
; CURRENT FILING DATE: 2003-04-24
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide primer
US-10-422-588-1

Query Match          3.6%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 830 TCTCTTTCTCTCTCG 845
Db 16 TCTCTTTCTCTCTCG 1

RESULT 255
US-10-422-588-1/c
; Sequence 1, Application US/10422588
; GENERAL INFORMATION:
; APPLICANT: Maile, Laura A.
; TITLE OF INVENTION: METHOD FOR INHIBITING CELLULAR ACTIVATION BY INSULIN-LIKE GROWTH
; FILE REFERENCE: 5470.389
; CURRENT FILING DATE: 2003-04-24
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide primer
US-10-422-588-1

Query Match          3.6%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 679 GACCCCGAGGCCACA 694
Db 17 GACCCCGAGGCCACA 2

RESULT 255
US-60-328-205-1115
; Sequence 1115, Application US/60328205
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: ACOMICA-26
; CURRENT FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1115
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-328-205-1115
```

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Query Match      3.6%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. NO. 1.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      706 AGCGAGTCCCGAGGA 721
      |||||

```

Db 3 AGCGAGTCCAGGAGA 18

RESULT 260

PCT-US99-23205-446/c

; Sequence 446, Application PC/TUS9923205

; GENERAL INFORMATION:

; APPLICANT: Baker, Brenda

; APPLICANT: Bennett, C. Frank

; APPLICANT: Butler, Madeline M.

; APPLICANT: Shanahan, William R.

; APPLICANT: Isis Pharmaceuticals, Inc.

; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-

; FILE REFERENCE: ISPH-0409

; CURRENT APPLICATION NUMBER: PCT/US99/23205

; CURRENT FILING DATE: 1999-10-05

; EARLIER APPLICATION NUMBER: 09/313,932

; EARLIER FILING DATE: 1999-05-18

; EARLIER APPLICATION NUMBER: 09/166,168

; EARLIER FILING DATE: 1998-10-05

; NUMBER OF SEQ ID NOS: 501

; SEQ ID NO 446

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic

; PCT-US99-23205-446

Query Match 3.6%; Score 14.4; DB 1; Length 20;

Best Local Similarity 93.8%; Pred. No. 2e+02;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 564 CTCCTCCCGACCAAG 579

Db 19 CTCCTACGACCAAG 4

RESULT 261

US-09-514-000-8881

; Sequence 8881, Application US/09514000

; GENERAL INFORMATION:

; APPLICANT: Hinkle, Gregory J.

; APPLICANT: Slater, Steven C.

; TITLE OF INVENTION: Agrobacterium tumefaciens Genome Sequences and Uses Thereof

; FILE REFERENCE: 38-10(15490)B

; CURRENT APPLICATION NUMBER: US/09/514,000

; CURRENT FILING DATE: 2000-02-23

; NUMBER OF SEQ ID NOS: 15034

; SEQ ID NO 8881

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Agrobacterium tumefaciens

; US-09-514-000-8881

Query Match 3.6%; Score 14.4; DB 1; Length 20;

Best Local Similarity 93.8%; Pred. No. 2e+02;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 769 CCACTTCTGAGGCGAG 784

Db 2 CCACTTCTGAGGACAG 17

RESULT 262

US-09-749-728B-58/c

; Sequence 58, Application US/09749728B

; GENERAL INFORMATION:

; APPLICANT: Umezawa, Akihito

; APPLICANT: Hata, Jun-Ichi

; APPLICANT: Fukuda, Keiichi

; APPLICANT: Ogawa, Satoshi

; APPLICANT: Sakurada, Kazuhiro

; APPLICANT: Gojo, Satoshi

; APPLICANT: Yamada, Yoji

; TITLE OF INVENTION: THE CELL HAVING THE POTENTIALITY OF DIFFERENTIATION INTO CARDIOMYOC

; FILE REFERENCE: 00766.000043

; CURRENT APPLICATION NUMBER: US/09/749,728B

; CURRENT FILING DATE: 2001-09-17

; PRIOR APPLICATION NUMBER: H11-372826

; PRIOR FILING DATE: 1999-12-28

; PRIOR APPLICATION NUMBER: PCT-JP00-01148

; PRIOR FILING DATE: 2000-02-28

; PRIOR APPLICATION NUMBER: PCT-JP00-07741

; PRIOR FILING DATE: 2000-11-02

; NUMBER OF SEQ ID NOS: 80

; SOFTWARE: PatentIn Ver.2.0

; SEQ ID NO 58

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: artificially synthesized prime

US-09-749-728B-58

Query Match 3.6%; Score 14.4; DB 1; Length 20;

Best Local Similarity 93.8%; Pred. No. 2e+02;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 597 CTACACACAGAGTAC 612

Db 19 CTACACACAGATTAC 4

RESULT 263

US-09-824-322B-446/c

; Sequence 446, Application US/09824322B

; GENERAL INFORMATION:

; APPLICANT: Baker, Brenda

; APPLICANT: Bennett, C. Frank

; APPLICANT: Butler, Madeline M.

; APPLICANT: Shanahan, William R.

; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALP

; TITLE OF INVENTION: ALPHA) EXPRESSION

; FILE REFERENCE: ISPH-0501

; CURRENT APPLICATION NUMBER: US/09/824,322B

; CURRENT FILING DATE: 2001-04-02

; PRIOR APPLICATION NUMBER: US/09/313,932

; PRIOR FILING DATE: 1999-05-18

; PRIOR APPLICATION NUMBER: US/09/166,186

; PRIOR FILING DATE: 1998-10-05

; NUMBER OF SEQ ID NOS: 503

; SEQ ID NO 446

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic

; US-09-824-322B-446

Query Match 3.6%; Score 14.4; DB 1; Length 20;

Best Local Similarity 93.8%; Pred. No. 2e+02;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 564 CTCCTCCCGACCAAG 579

Db 19 CTCCTACGACCAAG 4

RESULT 264

US-09-986-381-6

; Sequence 6, Application US/09986381

; GENERAL INFORMATION:

; APPLICANT: Sommer, Steven S.

; APPLICANT: Liu, Qiang

; APPLICANT: Heinmoller, Ernst

;
; TITLE OF INVENTION: MEASUREMENT OF MUTATION LOAD USING THE p53 GENE IN
; FILE REFERENCE: 1954-360
; CURRENT APPLICATION NUMBER: US/09/986,381
; CURRENT FILING DATE: 2001-11-08
; PRIOR APPLICATION NUMBER: 60/246,582
; PRIOR FILING DATE: 2000-11-08
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer for
; OTHER INFORMATION: Sequencing
US-09-986-381-6

Query Match 3.6%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 754 AGGGTCCCTAGGCCTC 769
| | | | |
DB 1 AGGGTCCCGAGGCCTC 16

RESULT 265

US-10-647-918-446/c
; Sequence 446, Application US/10647918
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/10/647,918
; CURRENT FILING DATE: 2003-08-26
; PRIOR APPLICATION NUMBER: US/09/824,322B
; PRIOR FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 446
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-647-918-446

Query Match 3.6%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 564 CTCCTCCCGAGGCCTC 579
| | | | |
DB 19 CTCCTCCCGAGGCCTC 4

RESULT 266

US-10-652-795-446/c
; Sequence 446, Application US/10652795
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA

;
; TITLE OF INVENTION: ALPHA) EXPRESSION
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/10/652,795
; CURRENT FILING DATE: 2003-08-29
; PRIOR APPLICATION NUMBER: US/09/824,322B
; PRIOR FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 446
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-652-795-446

Query Match 3.6%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 564 CTCCTCCCGAGGCCTC 579
| | | | |
DB 19 CTCCTCCCGAGGCCTC 4

RESULT 267

PCT-US03-04123-150/c
; Sequence 150, Application PC/TUS0304123
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Usman, Nassim
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Protein Tyrosine
; TITLE OF INVENTION: Phosphatase-1B (PTP-1B) Gene Expression Using Short Interfering
; FILE REFERENCE: 02-738-A (400/082)
; CURRENT APPLICATION NUMBER: PCT/US03/04123
; CURRENT FILING DATE: 2003-04-24
; PRIOR APPLICATION NUMBER: US 10/206,705
; PRIOR FILING DATE: 2002-07-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 422
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 150
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
PCT-US03-04123-150

Query Match 3.6%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 803 CTCCTCCCACTCAGGCT 821

db
19 CTCTCTTCCAAATCACGGT 1

```

RESULT 268
PCT-US03-04123-335
; Sequence 335, Application PC/TUS0304123
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Usman, Nassim
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Protein Tyrosine
; TITLE OF INVENTION: Phosphatase-1B (PTP-1B) Gene Expression Using Short Interfering
; TITLE OF INVENTION: Nucleic Acid (siNA)
; FILE REFERENCE: 02-738-A (400/082)
; CURRENT APPLICATION NUMBER: PCT/US03/04123
; CURRENT FILING DATE: 2003-04-24
; PRIOR APPLICATION NUMBER: US 10/206,705
; PRIOR FILING DATE: 2002-07-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 422
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 335
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04123-335

```

```

RESULT 269
PCT-US03-16651-376
; Sequence 376, Application PC/TUS0316651
; GENERAL INFORMATION:
; APPLICANT: Ceptyr, Inc.
; APPLICANT: Lewis, Stephen Patrick
; APPLICANT: Klinghoffer, Richard
; APPLICANT: Wilson, Linda K.
; TITLE OF INVENTION: MODULATION OF PTP1B SIGNAL TRANSDUCTION
; TITLE OF INVENTION: BY RNA INTERFERENCE
; FILE REFERENCE: 200125.441PC
; CURRENT APPLICATION NUMBER: PCT/US03/16651
; CURRENT FILING DATE: 2003-05-23
; NUMBER OF SEQ ID NOS: 599
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 376
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:

```

; OTHER INFORMATION: Small interfering RNA
PCT-US03-16651-376

```
Query Match          3.68; Score 14.2; DB 1; Length 19;
Best Local Similarity 63.2%; Pred. NO. 2.ie+02;
Matches 12; Conservative 4; Mismatches 3; Indels 0; Gaps 0;
```

```

RESULT 270
US-09-508-159A-29/c
; Sequence 29, Application US/09508159A
; GENERAL INFORMATION:
; APPLICANT: Okhravi, Narciss
; APPLICANT: Lightman, Susan
; APPLICANT: Adamson, Peter
; TITLE OF INVENTION: Diagnosis of Ocular Pathogens
; FILE REFERENCE: GJE-40
; CURRENT APPLICATION NUMBER: US/09/508,159A
; CURRENT FILING DATE: 2000-03-07
; PRIOR APPLICATION NUMBER: PCT/GB98/02705
; PRIOR FILING DATE: 1998-09-08
; PRIOR APPLICATION NUMBER: GB 9719044.1
; PRIOR FILING DATE: 1997-09-08
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn Ver 2.0
; SEQ ID NO 29
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Acanthamoeba
US-09-508-159A-29

```

```

RESULT 271
US-10-206-705-150/c
; Sequence 150, Application US/10206705
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Protein Tyrosine Phosphat
; TITLE OF INVENTION: (PTP-1B) Gene Expression using Short Interfering RNA
; FILE REFERENCE: 900/035 (WBH02-738)
; CURRENT APPLICATION NUMBER: US/10/206,705
; CURRENT FILING DATE: 2002-07-26
; NUMBER OF SEQ ID NOS: 388
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 150
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
US-10-206-705-150

```

Qy 803 CTCTCCTCCAACCTCAGGT 821
|||||
pb 19 CTCTCTTCCAAATCAGGT 1

```

RESULT 272
US-10-206-705-335
; Sequence 335, Application US/10206705
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Protein Tyrosine Phosphatase
; TITLE OF INVENTION: (PTP-1B) Gene Expression using Short Interfering RNA
; FILE REFERENCE: 900/035 (MEHB02-738)
; CURRENT APPLICATION NUMBER: US/10/206,705
; CURRENT FILING DATE: 2002-07-26
; NUMBER OF SEQ ID NOS: 388
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 335
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-206-705-335

Query Match          3.6%; Score 14.2; DB 1; Length 19;
Best Local Similarity 57.9%; Pred.No. 2.1e+02;
Matches 11; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY      803 CTCTCCTCCAACTCAGGGT 821
       |:|:|:||||:|:||:|:|:|:
DB      1 CUCUUCUCCAATCACGGU 19

RESULT 273
US-10-206-705A-150/c
; Sequence 150, Application US/10206705A
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Protein Tyrosine Phosphatase
; TITLE OF INVENTION: (PTP-1B) Gene Expression using Short Interfering RNA
; FILE REFERENCE: 900/035 (MEHB02-738)
; CURRENT APPLICATION NUMBER: US/10/206,705A
; CURRENT FILING DATE: 2003-03-06
; NUMBER OF SEQ ID NOS: 388
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 150
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense i
US-10-206-705A-150

Query Match          3.6%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred.No. 2.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      803 CTCTCCTCCAACTCAGGGT 821
       |||||:|||||:|||||:|
DB      19 CTCTCTCCAAATCACGGT 1

RESULT 274
US-10-206-705A-335
; Sequence 335, Application US/10206705A
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Protein Tyrosine Phosphatase
; TITLE OF INVENTION: (PTP-1B) Gene Expression using Short Interfering RNA
; FILE REFERENCE: 900/035 (MEHB02-738)
; CURRENT APPLICATION NUMBER: US/10/206,705A
; CURRENT FILING DATE: 2003-03-06
; NUMBER OF SEQ ID NOS: 388

```


FEATURE:
; OTHER INFORMATION: Human LRH1 antisense
PCT-US03-20865-3393

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 644 AAGTCACAGCCTCAGTCT 662
Db 20 AAGTCATAGACCAAGTCT 2

RESULT 282
PCT-US03-30374-846/c
; Sequence 846, Application PC/TUS0330374
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/PCT
; CURRENT APPLICATION NUMBER: PCT/US03/30374
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 846
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human Gfat antisense
PCT-US03-30374-846

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 592 TTTTCTACACACAGACT 610
Db 20 TTTTCTACACACAGACT 2

RESULT 283
PCT-US03-30374-922/c
; Sequence 922, Application PC/TUS0330374
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/PCT
; CURRENT APPLICATION NUMBER: PCT/US03/30374
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 922
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human Gfat antisense
PCT-US03-30374-922

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 592 TTTTCTACACACAGACT 610

Db 19 TTTTCTCAACAGACT 1

RESULT 284
PCT-US97-12955-18/c
; Sequence 18, Application PC/TUS9712955
; GENERAL INFORMATION:
; APPLICANT: VAKHARIA, Vikram N.
; APPLICANT: MUNDT, Egbert
; TITLE OF INVENTION: A METHOD FOR GENERATING BIRNAVIRUS FROM
; TITLE OF INVENTION: SYNTHETIC RNA TRANSCRIPTS
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIKAIIDO, MARCELSTEIN, MURRAY & ORAM LLP
; STREET: 655 Fifteenth Street, N. W.,
; STREET: Suite 330 - G Street Lobby
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-5701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US97/12955
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: KITTIS, Moniga C.
; REGISTRATION NUMBER: 36,105
; REFERENCE/DOCKET NUMBER: P8172-6002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202/638-5000
; TELEFAX: 202/638-4810
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
PCT-US97-12955-18

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 602 ACACAGAGTACTGACTCTG 620
Db 19 AGACGAGTACTGCTCTG 1

RESULT 285
US-08-721-612B-15
; Sequence 15, Application US/08721612B
; GENERAL INFORMATION:
; APPLICANT: Mueller, John P.
; Evans, Mark J.
; Mueller, Eileen Elliott
; Rollins, Scott
; Rother, Russell P.
; Matis, Louis A.
; TITLE OF INVENTION: Porcine Cell Interaction Proteins
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seth A. Fidel, Alexion Pharmaceuticals
; STREET: 25 Science Park, Suite 360
; CITY: New Haven
; STATE: Connecticut
; COUNTRY: USA

ZIP: 06511
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.4mb storage
COMPUTER: Dell Latitude
OPERATING SYSTEM: Windows 95
SOFTWARE: MICROSOFT WORD 97 SR-2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/721,612B
FILING DATE: 26-Sep-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/004489
FILING DATE: 28-SEPTEMBER-1995
ATTORNEY/AGENT INFORMATION:
NAME: Fidel, Seth A.
REGISTRATION NUMBER: 38,449
REFERENCE/DOCKET NUMBER: ALX-154
TELECOMMUNICATION INFORMATION:
TELEPHONE: (203) 776-1790
TELEFAX: (203) 772-3655
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic acid
STRANDEDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: Other nucleic acid
DESCRIPTION: primer for VCAM probe
SEQUENCE DESCRIPTION: SEQ ID NO: 15:
US-08-721-612B-15
Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 587 TTCTGTTTCTTCTACACAC 605
Db 1 TTCTGTGCTTCTACACAC 19
RESULT 286
US-08-721-612C-15
Sequence 15 Application US/08721612C
GENERAL INFORMATION:
APPLICANT: Mueller, John P.
Evans, Mark J.
Mueller, Eileen Elliott
Rollins, Scott
Rother, Russell P.
Matis, Louis A.
TITLE OF INVENTION: Porcine Cell Interaction Proteins
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seth A. Fidel, Alexion Pharmaceuticals
STREET: 25 Science Park, Suite 360
CITY: New Haven
STATE: Connecticut
COUNTRY: USA
ZIP: 06511
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.4mb storage
COMPUTER: Dell Latitude
OPERATING SYSTEM: Windows 95
SOFTWARE: MICROSOFT WORD 97 SR-2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/721,612C
FILING DATE: 26-Sep-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/004489
FILING DATE: 28-SEPTEMBER-1995
ATTORNEY/AGENT INFORMATION:
NAME: Fidel, Seth A.
REGISTRATION NUMBER: 38,449
REFERENCE/DOCKET NUMBER: ALX-154

TELECOMMUNICATION INFORMATION:
TELEPHONE: (203) 776-1790
TELEFAX: (203) 772-3655
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic acid
STRANDEDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: Other nucleic acid
DESCRIPTION: primer for VCAM probe
SEQUENCE DESCRIPTION: SEQ ID NO: 15:
US-08-721-612C-15
Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 587 TTCTGTTTCTTCTACACAC 605
Db 1 TTCTGTGCTTCTACACAC 19
RESULT 287
US-08-721-612D-15
Sequence 15 Application US/08721612D
GENERAL INFORMATION:
APPLICANT: Mueller, John P.
Evans, Mark J.
Mueller, Eileen Elliott
Rollins, Scott
Rother, Russell P.
Matis, Louis A.
TITLE OF INVENTION: Porcine VCAM-Binding Antibodies
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Mark Farber, Alexion Pharmaceuticals
STREET: 352 Knotter Drive
CITY: Cheshire
STATE: Connecticut
COUNTRY: USA
ZIP: 06410
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.4mb storage
COMPUTER: Dell Latitude
OPERATING SYSTEM: Windows 2000
SOFTWARE: MICROSOFT WORD 2000
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/721,612D
FILING DATE: 26-Sep-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/004489
FILING DATE: 28-SEPTEMBER-1995
ATTORNEY/AGENT INFORMATION:
NAME: Mark Farber
REGISTRATION NUMBER: 34159
REFERENCE/DOCKET NUMBER: ALX-25
TELECOMMUNICATION INFORMATION:
TELEPHONE: (203) 272-2596
TELEFAX: (203) 271-8195
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic acid
STRANDEDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: Other nucleic acid
DESCRIPTION: primer for VCAM probe
SEQUENCE DESCRIPTION: SEQ ID NO: 15:
US-08-721-612D-15
Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;

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schultz149-3.rnppm

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 587 TTCTGTTTTTCTACACAC 605
 DB 1 TTCTGTGCTTCTACACAG 19

RESULT 288
 US-08-721-612E-15
 ; Sequence 15, Application US/08721612E
 ; GENERAL INFORMATION:
 ; APPLICANT: Mueller, John P.
 ; Evans, Mark J.
 ; Mueller, Bileen Elliott
 ; Rollins, Scott
 ; Rother, Russell P.
 ; Matis, Louis A.

TITLE OF INVENTION: Porcine VCM-Binding Antibodies
 NUMBER OF SEQUENCES: 22
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Mark Farber, Alexion Pharmaceuticals
 STREET: 352 Knott Drive
 CITY: Cheshire
 STATE: Connecticut
 COUNTRY: USA
 ZIP: 06410

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5 inch, 1.4Mb storage
 COMPUTER: Dell Latitude
 OPERATING SYSTEM: Windows 2000
 SOFTWARE: MICROSOFT WORD 2000
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/721.612E
 FILING DATE: 26-Sep-1996

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/004489
 FILING DATE: 28-SEPTEMBER-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Mark Farber
 REGISTRATION NUMBER: 34159
 REFERENCE/DOCKET NUMBER: ALX-25

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (203) 272-2596
 TELEFAX: (203) 271-8195
 INFORMATION FOR SEQ ID NO: 15:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear

MOLECULE TYPE: Other nucleic acid
 DESCRIPTION: primer for VCM probe
 SEQUENCE DESCRIPTION: SEQ ID NO: 15:
 US-08-721-612E-15

Query Match 3.6%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 2.2e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 587 TTCTGTTTTTCTACACAC 605
 DB 1 TTCTGTGCTTCTACACAG 19

RESULT 289
 US-09-135-309-6
 ; Sequence 6, Application US/09135309
 ; GENERAL INFORMATION:
 ; APPLICANT: Christgau, Stephan
 ; APPLICANT: Kofod, Lene Venke
 ; APPLICANT: Andersen, Iene Nonboe
 ; APPLICANT: Kauppinen, Sakari
 ; APPLICANT: Heldt-Hansen, Hans P

APPLICANT: Dalboege, Henrik
 TITLE OF INVENTION: AN ENZYME EXHIBITING MANNANASE ACTIVITY
 NUMBER OF SEQUENCES: 15
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Novo Nordisk of North America, Inc.
 STREET: 405 Lexington Avenue, 64th Floor
 CITY: New York
 STATE: New York
 COUNTRY: United States of America
 ZIP: 10174-6401
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/135,309
 FILING DATE: 17-August-1998
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Gregg, Valeta A.
 REGISTRATION NUMBER: 35,127
 REFERENCE/DOCKET NUMBER: 4004.214-US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 212-867-0123
 TELEFAX: 212-878-9655
 INFORMATION FOR SEQ ID NO: 6:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-09-135-309-6

Query Match 3.6%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 2.2e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 542 GCTCTAGGCTCCCGCAGC 560
 DB 1 GCTCTAGGCTCCCGCAGC 19

RESULT 290
 US-09-446-024-22/c
 ; Sequence 22, Application US/09446024
 ; GENERAL INFORMATION:
 ; APPLICANT: BESEME, Frederic
 ; APPLICANT: BLOND, Jean-Luc
 ; APPLICANT: BOUTON, Olivier
 ; APPLICANT: MANDRAND, Bernard
 ; APPLICANT: MALLET, Francois
 ; APPLICANT: PERON, Herve
 ; TITLE OF INVENTION: ENDOGENETIC RETROVIRAL SEQUENCES, ASSOCIATED WITH AUTOIMMUNE DISEASE
 ; FILE REFERENCE: 105045
 ; CURRENT APPLICATION NUMBER: US/09/446,024
 ; CURRENT FILING DATE: 2001-05-29
 ; PRIOR APPLICATION NUMBER: PCT/FR98/01442
 ; PRIOR FILING DATE: 1998-07-06
 ; PRIOR APPLICATION NUMBER: FR 97/08815
 ; PRIOR FILING DATE: 1997-07-07
 ; NUMBER OF SEQ ID NOS: 37
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 22
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: PCR primers or probe
 ; US-09-446-024-22

Query Match 3.6%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 2.2e+02; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3;

QY 734 ATAGGACTTGGTAGGTCC 752
Db 19 AAATGACTGGTAGGTCC 1

RESULT 291
US-09-446-024A-22/c
; Sequence 22, Application US/09446024A
; GENERAL INFORMATION:
; APPLICANT: BESEME, Frederic
; APPLICANT: BLOND, Jean-Luc
; APPLICANT: BOUTON, Olivier
; APPLICANT: MANDRAND, Bernard
; APPLICANT: MALLET, Francois
; APPLICANT: PERRON, Hervé
; TITLE OF INVENTION: ENDOGENETIC RETROVIRAL SEQUENCES, ASSOCIATED WITH AUTOIMMUNE DISEASES
; FILE REFERENCE: 105045
; CURRENT APPLICATION NUMBER: US/09/446,024A
; CURRENT FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/FR98/01442
; PRIOR FILING DATE: 1998-07-06
; PRIOR APPLICATION NUMBER: FR 97/08815
; PRIOR FILING DATE: 1997-07-07
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer or probe
US-09-446-024A-22

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 734 ATAGGACTTGGTAGGTCC 752
Db 19 AAATGACTGGTAGGTCC 1

RESULT 292
US-09-507-209-68
; Sequence 68, Application US/09507209
; GENERAL INFORMATION:
; APPLICANT: Valenzuela, Bario
; APPLICANT: Yuan, Olive
; APPLICANT: Hoffman, Heidi
; APPLICANT: Hall, Jeff
; APPLICANT: Rapijko, Peter
; TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM
; FILE REFERENCE: GI 6918X
; CURRENT APPLICATION NUMBER: US/09/507,209
; CURRENT FILING DATE: 2000-02-18
; NUMBER OF SEQ ID NOS: 101
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-09-507-209-68

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 803 CTCTCTCCCACTCAGGT 821
Db 2 CTCAGCTCCATCTCAGGT 20

RESULT 293
US-09-611-526-4281/c
; Sequence 4281, Application US/09611526
; GENERAL INFORMATION:
; APPLICANT: OYA, TOSHIO
; APPLICANT: NISHIKAWA, TETSUO
; APPLICANT: ISOGAI, TAKAO
; APPLICANT: HAYASHI, KOJI
; APPLICANT: ISHII, SHIZUKO
; APPLICANT: KAWAI, YURI
; APPLICANT: WAKAMATSU, AI
; APPLICANT: SUGIYAMA, TOMOYASU
; APPLICANT: NAGAI, KEIICHI
; APPLICANT: KOJIMA, SHINICHI
; APPLICANT: OTSUKI, TETSUJI
; APPLICANT: KOGA, HISASHI
; TITLE OF INVENTION: PRIMERS FOR SYNTHESIS OF FULL LENGTH CDNAS
; FILE REFERENCE: 08335/0122
; CURRENT APPLICATION NUMBER: US/09/611,526
; CURRENT FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: JP 1999-194486
; PRIOR FILING DATE: 1999-07-08
; PRIOR APPLICATION NUMBER: JP 2000-118774
; PRIOR FILING DATE: 2000-01-11
; PRIOR APPLICATION NUMBER: JP 2000-183765
; PRIOR FILING DATE: 2000-05-02
; NUMBER OF SEQ ID NOS: 4484
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4281
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-611-526-4281

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 825 CTCTGCTCTTTCTTC 843
Db 19 CTTTGTCTATTTCTCC 1

RESULT 294
US-09-742-482-13
; Sequence 13, Application US/09742482
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF HEPSEN EXPRESSION
; FILE REFERENCE: RPS-0229
; CURRENT APPLICATION NUMBER: US/09/742,482
; CURRENT FILING DATE: 2000-12-20
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-742-482-13

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```
QY 674 TGGCGGACCCCGGCGCA 692
Db 1 TGGCTGACCTCTCTGGGCA 19

RESULT 295
US-09-759-287A-2
; Sequence 2, Application US/09759287A
; GENERAL INFORMATION:
; APPLICANT: The Board of Regents of the University of Nebraska
; TITLE OF INVENTION: IDENTIFICATION OF VIRULENCE DETERMINANTS
; FILE REFERENCE: UNL 2999.1
; CURRENT APPLICATION NUMBER: US/09759,287A
; CURRENT FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: US 60/175,433
; PRIOR FILING DATE: 2000-01-11
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (..)
; OTHER INFORMATION: Primer
US-09-759-287A-2

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 684 CCAGGCGCACACTGACCC 702
Db 2 CCAGGCGCACACTGCCCC 20

RESULT 296
US-10-176-277-15/c
; Sequence 15, Application US/10176277
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CENTROMERE PROTEIN B EXPRESSION
; FILE REFERENCE: HTS-0022
; CURRENT APPLICATION NUMBER: US/10/176,277
; CURRENT FILING DATE: 2002-06-18
; NUMBER OF SEQ ID NOS: 77
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-176-277-15

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 861 CTCGAGTTGGAACACTTTC 879
Db 20 CTCGAGTTGGAACAGATC 2

RESULT 297
US-10-176-277-52
; Sequence 52, Application US/10176277
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CENTROMERE PROTEIN B EXPRESSION
; FILE REFERENCE: HTS-0022
```

```
; CURRENT APPLICATION NUMBER: US/10/176,277
; CURRENT FILING DATE: 2002-06-18
; NUMBER OF SEQ ID NOS: 77
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-176-277-52

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 861 CTCGAGTTGGAACACTTTC 879
Db 1 CTCGAGTTGGAACAGATC 19

RESULT 298
US-10-206-406A-1/c
; Sequence 1, Application US/10206406A
; GENERAL INFORMATION:
; APPLICANT: Pont-Kingdon, Genevieve
; APPLICANT: Lyon, Elaine
; TITLE OF INVENTION: Methods for Identifying Chromosomal Aneuploidy
; FILE REFERENCE: 20099 NP
; CURRENT APPLICATION NUMBER: US/10/206,406A
; CURRENT FILING DATE: 2002-07-26
; PRIOR APPLICATION NUMBER: US 06/307,969
; PRIOR FILING DATE: 2001-07-26
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: primer bind
; OTHER INFORMATION: Forward primer sequence used in PCR
US-10-206-406A-1

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 804 TCTCTCCCAACTCAGGTT 822
Db 19 TCTCTCCCACTGCGTT 1

RESULT 299
US-10-298-123-35
; Sequence 35, Application US/10298123
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PROTEIN KINASE D2 EXPRESSION
; FILE REFERENCE: HTS-0050
; CURRENT APPLICATION NUMBER: US/10/298,123
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 76
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-298-123-35

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```



```
QY 779 GGCAGCCCTCTGGTGCC 797
Db 2 GAGCAGCACCTCGGGTGCC 20

RESULT 300
US-10-298-123-66/c
; Sequence 66, Application US/10298123
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PROTEIN KINASE D2 EXPRESSION
; FILE REFERENCE: HTS-0050
; CURRENT APPLICATION NUMBER: US/10/298,123
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 76
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-298-123-66
Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 779 GGCAGCCCTCTGGTGCC 797
Db 19 GAGCAGCACCTCGGGTGCC 1

RESULT 301
US-10-303-778-6651/c
; Sequence 6651, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL
; TITLE OF INVENTION: REGULATORY GENES AND USES THEREOF
; FILE REFERENCE: 47416
; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6651
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
US-10-303-778-6651
Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 826 TGTCCTCTTTCTCTCT 844
Db 20 TGTCCTCTCTCTCTTT 2

RESULT 302
US-10-316-242-36
; Sequence 36, Application US/10316242
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF MD-1 RP105-ASSOCIATED EXPRESSION
; FILE REFERENCE: HTS-0446
; CURRENT APPLICATION NUMBER: US/10/316,242
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 64
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

QY 779 GGCAGCCCTCTGGTGCC 797
Db 2 GAGCAGCACCTCGGGTGCC 20

RESULT 300
US-10-298-123-66/c
; Sequence 66, Application US/10298123
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PROTEIN KINASE D2 EXPRESSION
; FILE REFERENCE: HTS-0050
; CURRENT APPLICATION NUMBER: US/10/298,123
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 76
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-298-123-66
Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 779 GGCAGCCCTCTGGTGCC 797
Db 19 GAGCAGCACCTCGGGTGCC 1

RESULT 301
US-10-303-778-6651/c
; Sequence 6651, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL
; TITLE OF INVENTION: REGULATORY GENES AND USES THEREOF
; FILE REFERENCE: 47416
; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6651
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
US-10-303-778-6651
Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 826 TGTCCTCTTTCTCTCT 844
Db 20 TGTCCTCTCTCTCTTT 2

RESULT 302
US-10-316-242-36
; Sequence 36, Application US/10316242
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF MD-1 RP105-ASSOCIATED EXPRESSION
; FILE REFERENCE: HTS-0446
; CURRENT APPLICATION NUMBER: US/10/316,242
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 64
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

QY 634 AGAGGCTCCTAAGTCACAG 652
Db 2 AGAGGCTCCTTAGAAACAG 20

RESULT 303
US-10-317-270-59/c
; Sequence 59, Application US/10317270
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Tamara Balac Sipes
; TITLE OF INVENTION: MODULATION OF ZINEDIN EXPRESSION
; FILE REFERENCE: HTS-0479
; CURRENT APPLICATION NUMBER: US/10/317,270
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 160
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
US-10-317-270-59
Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 814 CTCAGGGTTGGCTGTCT 832
Db 19 CCCAGTGTGGCTGTGGCT 1

RESULT 304
US-10-317-270-132
; Sequence 132, Application US/10317270
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Tamara Balac Sipes
; TITLE OF INVENTION: MODULATION OF ZINEDIN EXPRESSION
; FILE REFERENCE: HTS-0479
; CURRENT APPLICATION NUMBER: US/10/317,270
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 160
; SEQ ID NO 132
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-317-270-132
Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 814 CTCAGGGTTGGCTGTCT 832
Db 2 CCCAGTGTGGCTGTGGCT 20

RESULT 305
US-10-671-395-846/c
; Sequence 846, Application US/10671395
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
```

; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 846
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-846

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 592 TTTTCTACACACAGCT 610
Db 20 TTTTTCACACACAGCT 2

RESULT 306
US-10-671-395-922/c
; Sequence 922, Application US/10671395
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 922
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-922

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 592 TTTTCTACACACAGCT 610
Db 19 TTTTTCACACACAGCT 1

RESULT 307
US-60-216-745-11123/c
; Sequence 11123, Application US/60216745
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; APPLICANT: Abderrahim, Hadi
; APPLICANT: Dufaire-Gare, Isabelle
; TITLE OF INVENTION: BIALLELIC MARKER MAPS FOR USE IN CONSTRUCTING A HIGH DENSITY...
; FILE REFERENCE: 84.USA.PRO
; CURRENT APPLICATION NUMBER: US/60/216,745
; CURRENT FILING DATE: 2000-06-30
; NUMBER OF SEQ ID NOS: 13665
; SOFTWARE: Patent.pm

; SEQ ID NO 11123
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20_bind
; OTHER INFORMATION: downstream amplification primer 99-35540 for SEQ 2061, in complem
US-60-216-745-11123

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 585 TGTCTCTTTTCTACAC 603
Db 19 TCTACTGTCTCTTCTACAC 1

RESULT 308
US-09-000-004A-5/c
; Sequence 5, Application US/09000004A
; GENERAL INFORMATION:
; APPLICANT: Tsilibary, Photini-Effie
; APPLICANT: Charonis, Aristidis S.
; APPLICANT: Setty, Suman
; APPLICANT: Mauer, Michael
; TITLE OF INVENTION: ANALYSIS OF ALPHA INTEGRINS FOR THE DIAGNOSIS OF DIABETIC NEPHROP
; FILE REFERENCE: 600.314USWO
; CURRENT APPLICATION NUMBER: US/09/000,004A
; CURRENT FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: US 60/001,387
; PRIOR FILING DATE: 1995-07-21
; PRIOR APPLICATION NUMBER: US 60/001,861
; PRIOR FILING DATE: 1995-08-03
; PRIOR APPLICATION NUMBER: US 60/016,700
; PRIOR FILING DATE: 1996-05-02
; PRIOR APPLICATION NUMBER: PCT/US96/12067
; PRIOR FILING DATE: 1996-07-19
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic probe
US-09-000-004A-5

Query Match 3.5%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 718 GAGAGTGACTCTGG 731
Db 14 GAGAGTGACTCTGG 1

RESULT 309
PCT-US02-16840-5640
; Sequence 5640, Application PC/TUS0216840
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; TITLE OF INVENTION: RAS, HER2 and HIV
; FILE REFERENCE: 400/046 (MBHB02-326)
; CURRENT APPLICATION NUMBER: PCT/US02/16840
; CURRENT FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06

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; PRIOR APPLICATION NUMBER: US 60/294,140
; PRIOR FILING DATE: 2001-05-29
; NUMBER OF SEQ ID NOS: 6810
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5640
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
PCT-US02-16840-5640

Query Match          3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 17.6%; Pred. No. 2.1e+02;
Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

QY 583 TTTGTTCTGTTTCTA 599
DB 1 UUUUUUUUUUUUUUUA 17

RESULT 310
PCT-US02-16840A-5640
; Sequence 5640, Application PC/TUS0216840A
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/046 (MBH02-326)
; CURRENT APPLICATION NUMBER: PCT/US02/16840A
; CURRENT FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: US 60/294,140
; PRIOR FILING DATE: 2001-05-29
; NUMBER OF SEQ ID NOS: 6810
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5640
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
PCT-US02-16840A-5640

Query Match          3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 17.6%; Pred. No. 2.1e+02;
Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

QY 583 TTTGTTCTGTTTCTA 599
DB 1 UUUUUUUUUUUUUUUA 17

RESULT 311
US-08-435-632-1573
; Sequence 1573, Application US/08435632
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,632
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1573:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-632-1573

Query Match          3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.1e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 799 AGAGCTCTCTCAACT 815
DB 1 AAAGCUCUCUGGAACU 17

RESULT 312
US-08-777-920-1573
; Sequence 1573, Application US/08777920
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
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APPLICATION NUMBER: US/08/777,920
FILING DATE: 23-DEC-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1573:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-777-920-1573

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.1e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 799 AGAGTCTCTCTCAACT 815
DB 1 AAAGCUCUCUGAAGU 17
||||:|||||

RESULT 313
US-09-531-025A-733
Sequence 733, Application US/09531025A
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Draper, Ken
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REFERENCE: MBH00-845-E (247/277)
CURRENT APPLICATION NUMBER: US/09/531,025A
CURRENT FILING DATE: 2000-03-20
PRIOR APPLICATION NUMBER: US 07/882,712
PRIOR FILING DATE: 1992-05-14
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR FILING DATE: 1994-02-07
PRIOR APPLICATION NUMBER: US 08/433,993
PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 08/434,504
PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 6341
SOFTWARE: PatentIn version 3.0
SEQ ID NO 733
LENGTH: 17
TYPE: RNA
ORGANISM: Hepatitis B virus
US-09-531-025A-733

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.1e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 605 CAGAGTACTGACTGTGC 621
DB 1 CAGAAUCUGUCUGCC 17
||||:|||||

RESULT 314
US-09-531-025A-1579
Sequence 1579, Application US/09531025A
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Draper, Ken
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Morrissey, Dave
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REFERENCE: MBH00-845-E (247/277)
CURRENT APPLICATION NUMBER: US/09/531,025A
CURRENT FILING DATE: 2000-03-20
PRIOR APPLICATION NUMBER: US 07/882,712
PRIOR FILING DATE: 1992-05-14
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR FILING DATE: 1994-02-07
PRIOR APPLICATION NUMBER: US 08/433,993
PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 08/434,504
PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 6341
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1579
LENGTH: 17
TYPE: RNA
ORGANISM: Hepatitis B virus
US-09-531-025A-1579

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.1e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 606 AGAGTACTGACTGTGCC 622
DB 1 AGAAUCUGUCUGCC 17
||||:|||||

RESULT 315
US-09-636-385-733
Sequence 733, Application US/09636385
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Draper, Kenneth
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Morrissey, Dave
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REFERENCE: MBH00-845-F (250/125)
CURRENT APPLICATION NUMBER: US/09/636,385
CURRENT FILING DATE: 2000-08-09
PRIOR APPLICATION NUMBER: US 07/882,712
PRIOR FILING DATE: 1992-05-14
PRIOR APPLICATION NUMBER: US 09/531,025
PRIOR FILING DATE: 2000-03-20
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR FILING DATE: 1994-02-07
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 6341
SOFTWARE: PatentIn version 3.0
SEQ ID NO 733
LENGTH: 17
TYPE: RNA
ORGANISM: Hepatitis B virus
US-09-636-385-733

US-09-636-385-733

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.1e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 605 CAGAGTACTGACTCTGCC 621
||||:||||:||||:
Db 1 CAGAAUACUGUCUCGCC 17

RESULT 316

US-09-636-385-1579
; Sequence 1579, Application US/09636385
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-F (250/125)
; CURRENT APPLICATION NUMBER: US/09/636,385
; CURRENT FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6341
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1579
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-09-636-385-1579

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.1e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 606 CAGAGTACTGACTCTGCC 622
||||:||||:||||:
Db 1 CAGAAUACUGUCUCGCC 17

RESULT 317

US-09-696-347-733
; Sequence 733, Application US/09696347
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Ken
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/001
; CURRENT APPLICATION NUMBER: US/09/696,347
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504

; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6389
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 733
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-09-696-347-733

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.1e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 605 CAGAGTACTGACTCTGCC 621
||||:||||:||||:
Db 1 CAGAAUACUGUCUCGCC 17

RESULT 318

US-09-696-347-1579
; Sequence 1579, Application US/09696347
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Ken
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/001
; CURRENT APPLICATION NUMBER: US/09/696,347
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6389
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1579
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-09-696-347-1579

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.1e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 606 CAGAGTACTGACTCTGCC 622
||||:||||:||||:
Db 1 CAGAAUACUGUCUCGCC 17

RESULT 319

US-09-825-805-558
; Sequence 558, Application US/09825805
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic

```
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
; FILE REFERENCE: MBH00-831-F (400/009)
; CURRENT APPLICATION NUMBER: US/09/825,805
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/578,223
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1558
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 558
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-825-805-558

Query Match      3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 17.6%; Pred. No. 2.1e+02;
Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

QY 583 TTGTTCTGTTTCTA 599
Db 1 UUUGUUUUUUUUUA 17

RESULT 320
US-09-848-754A-3386/c
; Sequence 3386, Application US/09848754A
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3386
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-848-754A-3386

Query Match      3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 677 CGGACCCCGGGGCC 693
Db 17 CCGATCCCGGGGCC 1

RESULT 321
US-09-848-754A-3387/c
; Sequence 3387, Application US/09848754A
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
```

```
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3387
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-848-754A-3387

Query Match      3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 676 GCGACCCCGGGGCC 692
Db 17 GCGATCCCGGGGCC 1

RESULT 322
US-09-848-754A-3388/c
; Sequence 3388, Application US/09848754A
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3388
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-848-754A-3388

Query Match      3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 675 GCGACCCCGGGGCC 691
Db 17 GCGGATCCCGGGGCC 1

RESULT 323
US-09-877-478-733
; Sequence 733, Application US/09877478
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
```

QV 647 TCACAGACCTCAGTCTT 663

Db 1 UCAUAGACCUAGUCUU 17
:|||||:|:|:|

RESULT 328
US-10-163-552-985
; Sequence 985, Application US/10163552
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
; FILE REFERENCE: HER2
; FILE REFERENCE: MBHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 985
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-985

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 17.6%; Pred. No. 2.1e+02;
Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

QY 583 TTGTGCTCTTTCTTCTA 599
:::|:|:|:|:|
Db 1 UUUGUUUUUUUUUUUA 17

RESULT 329
US-10-303-778-15561
; Sequence 15561, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL
; FILE REFERENCE: 47416
; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15561
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-303-778-15561

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 826 TGTGCTCTTTCTTCT 842
|||||:|:|:|
Db 1 TGTGTGTTATTTCTTCT 17

RESULT 330
US-10-310-188-29766
; Sequence 29766, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 29766
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus

; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-29766

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 826 TGTGCTCTTTCTTCT 842
|||||:|:|:|
Db 1 TGTGTGTTATTTCTTCT 17

RESULT 331
US-10-310-188-67124
; Sequence 67124, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 67124
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-67124

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 596 TCTACAACACAGTAC 612
|||||:|:|:|
Db 1 TCTGCAACACAGTAC 17

RESULT 332
US-10-342-902-733
; Sequence 733, Application US/10342902
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Draber, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/075 (MBHB00-845-I)
; CURRENT APPLICATION NUMBER: US/10/342,902
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6592
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 733
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus

schultz149-3.rnmp

Mon Mar 8 14:22:26 2004

US-10-342-902-733

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.1e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 505 CAGAGTACTGACTGCG 621
||||:||||:||||:
DB 1 CAGAAUACUGUCUCUGC 17

RESULT 333

US-10-342-902-1579
Sequence 1579, Application US/10342902
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: Draper, Kenneth
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Morrissey, Dave
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REFERENCE: 400/075 (MBH00-845-I)
CURRENT APPLICATION NUMBER: US/10/342,902
CURRENT FILING DATE: 2003-01-15
PRIOR APPLICATION NUMBER: US 09/877,478
PRIOR FILING DATE: 2001-06-08
PRIOR APPLICATION NUMBER: US 09/531,025
PRIOR FILING DATE: 2000-03-20
PRIOR APPLICATION NUMBER: US 09/636,385
PRIOR FILING DATE: 2000-08-09
PRIOR APPLICATION NUMBER: US 09/696,347
PRIOR FILING DATE: 2000-10-24
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR FILING DATE: 1994-02-07
PRIOR APPLICATION NUMBER: US 07/882,712
PRIOR FILING DATE: 1992-05-14
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 6592
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1579
LENGTH: 17
TYPE: RNA
ORGANISM: Hepatitis B virus

US-10-342-902-1579
Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.1e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;
QY 606 AGAGTACTGACTGCG 622
||||:||||:||||:
DB 1 AGAAUACUGUCUCUGC 17

RESULT 334

US-10-471-271-3089
Sequence 3089, Application US/10471271
GENERAL INFORMATION:
APPLICANT: Chowrira, Bharat
APPLICANT: Blatt, Lawrence
APPLICANT: Haeblerli, Peter
APPLICANT: McSwiggen, James
APPLICANT: Fosnaugh, Kathy
TITLE OF INVENTION: Modulation of Gene Expression Associated with Inflammation Prolif
FILE REFERENCE: MBH 02-258-PCT (400/045)
CURRENT APPLICATION NUMBER: US/10/471,271
CURRENT FILING DATE: 2003-09-05
PRIOR APPLICATION NUMBER: 60/181,797
PRIOR FILING DATE: 2000-02-11
PRIOR APPLICATION NUMBER: 09/780,533
PRIOR FILING DATE: 2001-02-09

PRIOR APPLICATION NUMBER: 09/827,395
PRIOR FILING DATE: 2001-04-05
PRIOR APPLICATION NUMBER: 60/294,412
PRIOR FILING DATE: 2001-05-29
PRIOR APPLICATION NUMBER: 60/315,315
PRIOR FILING DATE: 2001-08-28
NUMBER OF SEQ ID NOS: 13274
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3089
LENGTH: 17
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Enzymatic Nucleic Acid
US-10-471-271-3089
Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 2.1e+02;
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;
QY 647 TCACAGACCTCAGTCTT 663
||||:||||:||||:
DB 1 UCAUAGACCUAGUCUU 17

RESULT 335
US-10-669-841-733
Sequence 733, Application US/10669841
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: Lawrence, Blatt
APPLICANT: Dennis, Macejak
APPLICANT: James, McSwiggen
APPLICANT: David, Morrissey
APPLICANT: Pamela, Pavco
APPLICANT: Patricia, Lee
APPLICANT: Kenneth, Draper
APPLICANT: Elisabeth, Roberts
TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPA
FILE REFERENCE: 400/042US (MBH02-249-E)
CURRENT APPLICATION NUMBER: US/10/669,841
CURRENT FILING DATE: 2003-09-23
PRIOR APPLICATION NUMBER: PCT/US02/09187
PRIOR FILING DATE: 2002-03-26
PRIOR APPLICATION NUMBER: US 60/296,876
PRIOR FILING DATE: 2001-06-08
PRIOR APPLICATION NUMBER: US 60/335,059
PRIOR FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: US 60/337,055
PRIOR FILING DATE: 2001-12-05
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 09/817,879
PRIOR FILING DATE: 2001-03-26
PRIOR APPLICATION NUMBER: US 09/740,332
PRIOR FILING DATE: 2000-12-18
PRIOR APPLICATION NUMBER: US 09/611,931
PRIOR FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: US 09/504,321
PRIOR FILING DATE: 2000-02-15
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 16207
SOFTWARE: PatentIn version 3.0
SEQ ID NO 733
LENGTH: 17
TYPE: RNA
ORGANISM: Hepatitis B Virus
US-10-669-841-733
Query Match 3.5%; Score 13.8; DB 1; Length 17;

```
Best Local Similarity   64.7%;   Pred. No. 2.1e+02;
Matches 11; Conservative    4; Mismatches    2; Indels    0; Gaps    0;

QY      605 CAGAGTACTGACTGTGC 621
Db      1 CAGAAUACUGUCUCGCC 17
||||| :||| :||| :|||
||||| :||| :||| :|||

RESULT 336
US-10-669-841-1579
; Sequence 1579, Application US/10669841
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patrice, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPA
; FILE OF INVENTION: VIRUS REPLICATION
; FILE REFERENCE: 400/042US (MEHH02-249-E)
; CURRENT APPLICATION NUMBER: US/10/669,841
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; PRIOR FILING DATE: 2000-02-15
; Remaining prior application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1579
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-10-669-841-1579

Query Match          3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.1e+02;
Matches 11; Conservative    4; Mismatches    2; Indels    0; Gaps    0;

QY      606 AGAGTACTGACTGTGC 622
Db      1 AGAAUACUGUCUCGCC 17
||||| :||| :||| :|||
||||| :||| :||| :|||

RESULT 337
US-10-675-685-618/c
; Sequence 618, Application US/10675685
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
```

PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aemica Sequence Listing Engine
SEQ ID NO 911
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-911

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 678 GGACCCCGGGCCACA 694
||| ||||| |||||
Db 1 GGACCCCGGAGACCACA 17

RESULT 340

US-10-724-270-5640
Sequence 5640, Application US/10724270
GENERAL INFORMATION:
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
TITLE OF INVENTION: RAS, HER2 and HIV
FILE REFERENCE: 400/046-US (MEHB02-326-A)
CURRENT APPLICATION NUMBER: US/10/724,270
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: PCT/US02/16840
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/318,471
PRIOR FILING DATE: 2001-09-10
PRIOR APPLICATION NUMBER: US 60/296,249
PRIOR FILING DATE: 2001-06-06
PRIOR APPLICATION NUMBER: US 60/294,140
PRIOR FILING DATE: 2001-05-29
PRIOR APPLICATION NUMBER: US 10/238,700
PRIOR FILING DATE: 2002-09-10
PRIOR APPLICATION NUMBER: US 10/163,552
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 10/157,580
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2002-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: US 10/417,012
PRIOR FILING DATE: 2003-04-16
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 6810
SOFTWARE: PatentIn version 3.0
SEQ ID NO 5640
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-724-270-5640

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 17.6%; Pred. No. 2.1e+02;
Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;
QY 583 TTTGTTCTGTTTTCTA 599
:::|::|::|::|::|::|
Db 1 UUGUUUUUUUUUUUA 17

RESULT 341

US-08-168-920E-24
Sequence 24, Application US/08168920E
GENERAL INFORMATION:
APPLICANT: Dervan, Peter B.
APPLICANT: Beal, Peter A.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TRIPLE-HELIX FORMATION
FILE REFERENCE: A-56557-3
CURRENT APPLICATION NUMBER: US/08/168,920E
CURRENT FILING DATE: 1993-12-16
PRIOR APPLICATION NUMBER: 07/946,976
PRIOR FILING DATE: 1992-09-17
NUMBER OF SEQ ID NOS: 128
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 24
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
NAME/KEY: misc_feature
LOCATION: (1)
OTHER INFORMATION: T at position 1 = thymidine-EDTA.
NAME/KEY: misc_feature
LOCATION: (4)
OTHER INFORMATION: d at position 4, and 11 = D2 as defined on page 34
OTHER INFORMATION: of the specification.
US-08-168-920E-24

Query Match 3.5%; Score 13.8; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 2.2e+02;
Matches 14; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 582 TTTGTTCTGTTTTCT 598
||:|::|::|::|::|
Db 2 TDTTTCCTTTTTCT 18

RESULT 342

US-09-864-426A-693
Sequence 693, Application US/09864426A
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Ma, Wu Po
APPLICANT: Lyamichev, Victor
APPLICANT: Saiser, Michael
TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
FILE REFERENCE: FORS-04946
CURRENT APPLICATION NUMBER: US/09/864,426A
CURRENT FILING DATE: 2001-05-24
NUMBER OF SEQ ID NOS: 2640
SOFTWARE: PatentIn version 3.0
SEQ ID NO 693
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-864-426A-693

Query Match 3.5%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 554 CCCACGCGAGCTCCTCC 570
||||| ||| |||||
Db 2 CCCATCGATCTCCTCC 18

RESULT 343

US-09-864-426A-1687
; Sequence 1687, Application US/09864426A
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Ma, Wu Po
; APPLICANT: Lyamichev, Victor
; APPLICANT: Saiser, Michael
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
; FILE REFERENCE: FORS-04946
; CURRENT APPLICATION NUMBER: US/09/864,426A
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1687
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-426A-1687

Query Match 3.5%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 554 CCCACGCGAGCTCCTCC 570
||||| ||| |||||
Db 2 CCCATCGATCTCCTCC 18

RESULT 344

US-09-864-426A-1694
; Sequence 1694, Application US/09864426A
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Ma, Wu Po
; APPLICANT: Lyamichev, Victor
; APPLICANT: Saiser, Michael
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
; FILE REFERENCE: FORS-04946
; CURRENT APPLICATION NUMBER: US/09/864,426A
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1694
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-426A-1694

Query Match 3.5%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 554 CCCACGCGAGCTCCTCC 570
||||| ||| |||||
Db 2 CCCATCGATCTCCTCC 18

RESULT 345

US-09-864-636A-693
; Sequence 693, Application US/09864636A
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim

; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 693
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-693

Query Match 3.5%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 554 CCCACGCGAGCTCCTCC 570
||||| ||| |||||
Db 2 CCCATCGATCTCCTCC 18

RESULT 346

US-09-864-636A-1687
; Sequence 1687, Application US/09864636A
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1687
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-1687

Query Match 3.5%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 554 CCCACGCGAGCTCCTCC 570
||||| ||| |||||
Db 2 CCCATCGATCTCCTCC 18

RESULT 347

US-09-864-636A-1694
; Sequence 1694, Application US/09864636A
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1694
; LENGTH: 18
; TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-864-636A-1694

Query Match 3.5%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 554 CCCACGAGCTCTCC 570
||||| ||||| ||||| |||||
Db 2 CCCATCGATCTCTCC 18

RESULT 348
US-10-084-839-693
Sequence 693, Application US/10084839
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Allawi, Hatim
APPLICANT: Argue, Brad T.
APPLICANT: Bartholomay, Christian T.
APPLICANT: Chehak, LuAnne
APPLICANT: Curtis, Michelle L.
APPLICANT: Eis, Peggy S.
APPLICANT: Hall, Jeff G.
APPLICANT: Ip, Hon S.
APPLICANT: Ji, Lin
APPLICANT: Kaiser, Michael
APPLICANT: Kwiatkowski, Jr., Robert W.
APPLICANT: Lukowiak, Andrew A.
APPLICANT: Lyamichev, Victor
APPLICANT: Lymaicheva, Natalie E.
APPLICANT: Ma, WuPo
APPLICANT: Neri, Bruce P.
APPLICANT: Olson, Sarah M.
APPLICANT: Olson-Munoz, Marilyn C.
APPLICANT: Schaefer, James J.
APPLICANT: Skrzypczynski, Zbigniew
APPLICANT: Takova, Tssetska Y.
APPLICANT: Thompson, Lisa C.
APPLICANT: Vedvik, Kevin L.
FILE REFERENCE: FORS-06666
CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: PatentIn version 3.1
SEQ ID NO 693
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-084-839-693

Query Match 3.5%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 554 CCCACGAGCTCTCC 570
||||| ||||| ||||| |||||
Db 2 CCCATCGATCTCTCC 18

RESULT 349
US-10-084-839-1687
Sequence 1687, Application US/10084839
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Allawi, Hatim
APPLICANT: Argue, Brad T.
APPLICANT: Bartholomay, Christian T.

APPLICANT: Chehak, LuAnne
APPLICANT: Curtis, Michelle L.
APPLICANT: Eis, Peggy S.
APPLICANT: Hall, Jeff G.
APPLICANT: Ip, Hon S.
APPLICANT: Ji, Lin
APPLICANT: Kaiser, Michael
APPLICANT: Kwiatkowski, Jr., Robert W.
APPLICANT: Lukowiak, Andrew A.
APPLICANT: Lyamichev, Victor
APPLICANT: Lymaicheva, Natalie E.
APPLICANT: Ma, WuPo
APPLICANT: Neri, Bruce P.
APPLICANT: Olson, Sarah M.
APPLICANT: Olson-Munoz, Marilyn C.
APPLICANT: Schaefer, James J.
APPLICANT: Skrzypczynski, Zbigniew
APPLICANT: Takova, Tssetska Y.
APPLICANT: Thompson, Lisa C.
APPLICANT: Vedvik, Kevin L.
FILE REFERENCE: FORS-06666
CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1687
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-084-839-1687

Query Match 3.5%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 554 CCCACGAGCTCTCC 570
||||| ||||| ||||| |||||
Db 2 CCCATCGATCTCTCC 18

RESULT 350
US-10-084-839-1694
Sequence 1694, Application US/10084839
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Allawi, Hatim
APPLICANT: Argue, Brad T.
APPLICANT: Bartholomay, Christian T.
APPLICANT: Chehak, LuAnne
APPLICANT: Curtis, Michelle L.
APPLICANT: Eis, Peggy S.
APPLICANT: Hall, Jeff G.
APPLICANT: Ip, Hon S.
APPLICANT: Ji, Lin
APPLICANT: Kaiser, Michael
APPLICANT: Kwiatkowski, Jr., Robert W.
APPLICANT: Lukowiak, Andrew A.
APPLICANT: Lyamichev, Victor
APPLICANT: Lymaicheva, Natalie E.
APPLICANT: Ma, WuPo
APPLICANT: Neri, Bruce P.
APPLICANT: Olson, Sarah M.
APPLICANT: Olson-Munoz, Marilyn C.
APPLICANT: Schaefer, James J.
APPLICANT: Skrzypczynski, Zbigniew
APPLICANT: Takova, Tssetska Y.
APPLICANT: Thompson, Lisa C.
APPLICANT: Vedvik, Kevin L.
FILE REFERENCE: FORS-06666

; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1694
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-1694

Query Match 3.5%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 554 CCCACGCGCTCTCC 570
| | | | | | | | | | | | | | | | | |
Db 2 CCCACGCGCTCTCC 18

RESULT 351
US-10-303-778-11357/c
; Sequence 11357, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL
; TITLE OF INVENTION: REGULATORY GENES AND USES THEREOF
; FILE REFERENCE: 47416
; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11357
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-303-778-11357

Query Match 3.5%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 897 GCATTTACTTCTCAGCT 903
| | | | | | | | | | | | | | | | | |
Db 18 GCATTTCTTCTCGCT 2

RESULT 352
US-10-310-188-31057
; Sequence 31057, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 31057
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-31057

Query Match 3.5%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 526 TTTCCCAACATCTCTG 542
| | | | | | | | | | | | | | | | | |
Db 2 TTTCCCAAAATCTCAG 18

RESULT 353
US-10-310-188-32714
; Sequence 32714, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 32714
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-32714

Query Match 3.5%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 545 CCTGGCTCTCCGCG 561
| | | | | | | | | | | | | | | | | |
Db 1 CCTGGCTCTCCGCG 17

RESULT 354
US-10-310-188-78509/c
; Sequence 78509, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 78509
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-78509

Query Match 3.5%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 551 CCTCCCGCGCGCTCC 567
| | | | | | | | | | | | | | | | | |
Db 18 CCTCCCGCGCGCTCC 2

RESULT 355
US-09-864-426A-1684
; Sequence 1684, Application US/09864426A
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Ma, Wu Po
; APPLICANT: Lyamichev, Victor
; APPLICANT: Saiser, Michael
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
; FILE REFERENCE: FORS-04946
; CURRENT APPLICATION NUMBER: US/09/864,426A
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1684
; LENGTH: 19
; TYPE: DNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-426A-1684

Query Match 3.5%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 554 CCCACGAGCTCTCC 570
||||| ||| |||||
Db 1 CCCACGAGCTCTCC 17

RESULT 356
US-09-864-636A-1684
; Sequence 1684, Application US/09864636A
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1684
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-1684

Query Match 3.5%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 554 CCCACGAGCTCTCC 570
||||| ||| |||||
Db 1 CCCACGAGCTCTCC 17

RESULT 357
US-10-084-839-1684
; Sequence 1684, Application US/10084839
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Ejs, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamicheva, Victor
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tsetska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.

; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-0666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 1684
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-1684

Query Match 3.5%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 554 CCCACGAGCTCTCC 570
||||| ||| |||||
Db 1 CCCACGAGCTCTCC 17

RESULT 358
US-10-182-269A-18
; Sequence 18, Application US/10182269A
; GENERAL INFORMATION:
; APPLICANT: Shir, Alexei
; TITLE OF INVENTION: SELECTIVE KILLING OF CELLS BY ACTIVATION OF DOUBLE-STRANDED RNA
; TITLE OF INVENTION: PROTEIN KINASE-PKR
; FILE REFERENCE: 02/23757
; CURRENT APPLICATION NUMBER: US/10/182,269A
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 18
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Single strand DNA oligonucleotide
US-10-182-269A-18

Query Match 3.5%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 753 CAGGGTCCCTAGGCTC 769
||||| ||| |||||
Db 1 CAGGGTCCCTAGGCTC 17

RESULT 359
US-10-303-778-12363/c
; Sequence 12363, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL
; TITLE OF INVENTION: REGULATORY GENES AND USES THEREOF
; FILE REFERENCE: 47416
; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 12363
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-303-778-12363

Query Match 3.5%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.3e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 547 TAGGCTCCCGAGGAG 563
Db 19 TGGGCTCCCGAGGAG 3

RESULT 360

US-10-310-188-46011/c
; Sequence 46011, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 46011
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-46011

Query Match 3.5%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 759 CCTAGGCTCCATTC 775
Db 19 CCTAGGCTGCATTC 3

RESULT 361

US-60-216-745-4716
; Sequence 4716, Application US/60216745
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; APPLICANT: Abderrahim, Hadi
; TITLE OF INVENTION: BIALLELIC MARKER MAPS FOR USE IN CONSTRUCTING A HIGH DENSITY...
; FILE REFERENCE: 84. US1. PRO
; CURRENT APPLICATION NUMBER: US/60/216,745
; CURRENT FILING DATE: 2000-06-30
; NUMBER OF SEQ ID NOS: 13665
; SOFTWARE: Patent.pm
; SEQ ID NO 4716
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-27636 for SEQ 185,
US-60-216-745-4716

Query Match 3.5%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 824 GCTGTGCTCTTTTTC 840
Db 1 GCTGTGCTCTTTTAT 17

RESULT 362

US-60-216-745-7025
; Sequence 7025, Application US/60216745
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; APPLICANT: Abderrahim, Hadi
; APPLICANT: Dufauvre-Gare, Isabelle
; TITLE OF INVENTION: BIALLELIC MARKER MAPS FOR USE IN CONSTRUCTING A HIGH DENSITY...
; FILE REFERENCE: 84. US1. PRO
; CURRENT APPLICATION NUMBER: US/60/216,745
; CURRENT FILING DATE: 2000-06-30
; NUMBER OF SEQ ID NOS: 13665
; SOFTWARE: Patent.pm
; SEQ ID NO 7025
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-39951 for SEQ 2494,
US-60-216-745-7025

Query Match 3.5%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 581 CTTTGTCTCTTTTC 597
Db 2 CTTTGTCTCTTTTC 18

RESULT 363

PCT-US02-25942-7139
; Sequence 7139, Application PC/TUS0225942
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Sinorhizobium meliloti complete genome, plasmid ps
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: PCT/US02/25942
; CURRENT FILING DATE: 2002-08-27
; NUMBER OF SEQ ID NOS: 15792
; SOFTWARE: Proprietary
; SEQ ID NO 7139
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Sinorhizobium meliloti complete genome, plasmid ps
; FEATURE:
; LOCATION: (199459)...(199474)
; OTHER INFORMATION: Chromosome = 3 Strand = negative ConnectionObjectNumber = 7304
PCT-US02-25942-7139

Query Match 3.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 567 CTCCAGACCAAGAC 581
Db 1 CTCCAGACCAAGAC 15

RESULT 364

PCT-US02-25942-7269
; Sequence 7269, Application PC/TUS0225942
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Sinorhizobium meliloti complete genome, plasmid ps
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: PCT/US02/25942
; CURRENT FILING DATE: 2002-08-27
; NUMBER OF SEQ ID NOS: 15792
; SOFTWARE: Proprietary
; SEQ ID NO 7269
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Sinorhizobium meliloti complete genome, plasmid ps


```
; FEATURE:
; LOCATION: (240580)...(240594)
; OTHER INFORMATION: Chromosome = 3 Strand = negative ConnectronObjectNumber = 7498
PCT-US02-25942-7269

Query Match      3.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 567 CTCACGACCAAGAC 581
Db 1 CTCACGACCAAGAC 15

RESULT 365
PCT-US02-38045-4/c
; Sequence 4, Application PC/TUS0238045
; GENERAL INFORMATION:
; APPLICANT: House Ear Institute
; APPLICANT: Lim, David J.
; APPLICANT: Lee, Haa-Yung
; APPLICANT: Webster, Paul
; APPLICANT: Andalibi, Ali
; APPLICANT: Li, Jian-Dong
; APPLICANT: Ganz, Tomas
; TITLE OF INVENTION: USE OF ANTIMICROBIAL PROTEINS AND
; TITLE OF INVENTION: PEPTIDES FOR THE TREATMENT OF OTITIS MEDIA AND PARANASAL
; TITLE OF INVENTION: SINUSITIS
; FILE REFERENCE: HOUSE1.002VPC
; CURRENT APPLICATION NUMBER: PCT/US02/38045
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 09/998,547
; PRIOR FILING DATE: 2001-11-27
; PRIOR APPLICATION NUMBER: US 60/253,492
; PRIOR FILING DATE: 2000-11-28
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Fast-SEQ for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: human lactoferrin reverse primer
PCT-US02-38045-4

Query Match      3.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 541 TGCTCTAGGCTCC 555
Db 15 TGCTCTAGGCTCC 1

RESULT 366
US-09-998-547-4/c
; Sequence 4, Application US/09998547
; GENERAL INFORMATION:
; APPLICANT: Lim, David J.
; APPLICANT: Lee, Haa-Yung
; APPLICANT: Webster, Paul
; APPLICANT: Andalibi, Ali
; APPLICANT: Li, Jian-Dong
; APPLICANT: Ganz, Tomas
; TITLE OF INVENTION: USE OF ANTIMICROBIAL PROTEINS AND
; TITLE OF INVENTION: PEPTIDES FOR THE TREATMENT OF OTITIS MEDIA AND PARANASAL
; TITLE OF INVENTION: SINUSITIS
; FILE REFERENCE: HOUSE1.002A
; CURRENT APPLICATION NUMBER: US/09/998,547
; CURRENT FILING DATE: 2001-11-21
; PRIOR APPLICATION NUMBER: 60/253,492
; PRIOR FILING DATE: 2000-11-28
; NUMBER OF SEQ ID NOS: 10
```

```
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: human lactoferrin reverse primer.
US-09-998-547-4

Query Match      3.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 541 TGCTCTAGGCTCC 555
Db 15 TGCTCTAGGCTCC 1

RESULT 367
US-10-227-567-7139
; Sequence 7139, Application US/10227567
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Sinorhizobium meliloti complete genome, plasmid ps
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/227,567
; CURRENT FILING DATE: 2002-08-16
; NUMBER OF SEQ ID NOS: 15792
; SOFTWARE: Proprietary
; SEQ ID NO 7139
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Sinorhizobium meliloti complete genome, plasmid ps
; FEATURE:
; LOCATION: (199459)...(199474)
; OTHER INFORMATION: Chromosome = 3 Strand = negative ConnectronObjectNumber = 7304
US-10-227-567-7139

Query Match      3.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 567 CTCACGACCAAGAC 581
Db 1 CTCACGACCAAGAC 15

RESULT 368
US-10-227-567-7269
; Sequence 7269, Application US/10227567
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Sinorhizobium meliloti complete genome, plasmid ps
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/227,567
; CURRENT FILING DATE: 2002-08-16
; NUMBER OF SEQ ID NOS: 15792
; SOFTWARE: Proprietary
; SEQ ID NO 7269
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Sinorhizobium meliloti complete genome, plasmid ps
; FEATURE:
; LOCATION: (240580)...(240594)
; OTHER INFORMATION: Chromosome = 3 Strand = negative ConnectronObjectNumber = 7498
US-10-227-567-7269

Query Match      3.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 567 CTCACGACCAAGAC 581
Db 1 CTCACGACCAAGAC 15
```

```
Db      1  CTCCAAGACCAAGAC 15

RESULT 369
US-10-305-275-753/c
; Sequence 753, Application US/10305275
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Aeropyrum pernix K1 complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/305,275
; CURRENT FILING DATE: 2002-11-28
; NUMBER OF SEQ ID NOS: 1617
; SOFTWARE: Proprietary
; SEQ ID NO 753
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Aeropyrum pernix K1 complete genome.
; FEATURE:
; LOCATION: (722730)...(722745)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 1089
US-10-305-275-753
Query Match      3.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      541 TGCTCTAGGCCTCC 555
Db      15 TCCTCTAGGCCTCC 1

RESULT 370
US-10-305-275-1113/c
; Sequence 1113, Application US/10305275
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Aeropyrum pernix K1 complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/305,275
; CURRENT FILING DATE: 2002-11-27
; NUMBER OF SEQ ID NOS: 1617
; SOFTWARE: Proprietary
; SEQ ID NO 1113
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Aeropyrum pernix K1 complete genome.
; FEATURE:
; LOCATION: (1037751)...(1037765)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 1585
US-10-305-275-1113
Query Match      3.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      541 TGCTCTAGGCCTCC 555
Db      15 TCCTCTAGGCCTCC 1

RESULT 371
US-10-305-275A-753/c
; Sequence 753, Application US/10305275A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Aeropyrum pernix K1 complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/305,275A
; CURRENT FILING DATE: 2002-11-27
; NUMBER OF SEQ ID NOS: 1617
; SOFTWARE: Proprietary
; SEQ ID NO 753
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Aeropyrum pernix K1 complete genome.
; FEATURE:
; LOCATION: (722730)...(722745)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 1089
US-10-305-275A-753
Query Match      3.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      541 TGCTCTAGGCCTCC 555
Db      15 TCCTCTAGGCCTCC 1

RESULT 372
US-10-305-275A-1113/c
; Sequence 1113, Application US/10305275A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Aeropyrum pernix K1 complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/305,275A
; CURRENT FILING DATE: 2002-11-27
; NUMBER OF SEQ ID NOS: 1617
; SOFTWARE: Proprietary
; SEQ ID NO 1113
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Aeropyrum pernix K1 complete genome.
; FEATURE:
; LOCATION: (1037751)...(1037765)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 1585
US-10-305-275A-1113
Query Match      3.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      541 TGCTCTAGGCCTCC 555
Db      15 TCCTCTAGGCCTCC 1

RESULT 373
US-10-367-729A-7139
; Sequence 7139, Application US/10367729A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Sinorhizobium meliloti complete genome, plasmid pS
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/367,729A
; CURRENT FILING DATE: 2003-02-19
; NUMBER OF SEQ ID NOS: 15792
; SOFTWARE: Proprietary
; SEQ ID NO 7139
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Sinorhizobium meliloti complete genome, plasmid pS
; FEATURE:
; LOCATION: (199459)...(199474)
; OTHER INFORMATION: Chromosome = 3 Strand = negative ConnectronObjectNumber = 7304
US-10-367-729A-7139
Query Match      3.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      567 CTCACAGACCAAGAC 581
Db      1  CTCCAAGACCAAGAC 15
```

```
RESULT 374
US-10-367-729A-7269
; Sequence 7269, Application US/10367729A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Sinorhizobium meliloti complete genome, plasmid ps
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/367,729A
; CURRENT FILING DATE: 2003-02-19
; NUMBER OF SEQ ID NOS: 15792
; SOFTWARE: Proprietary
; SEQ ID NO 7269
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Sinorhizobium meliloti complete genome, plasmid ps
; FEATURE:
; LOCATION: (240580)...(240594)
; OTHER INFORMATION: Chromosome = 3 Strand = negative ConnectionObjectNumber = 7498
US-10-367-729A-7269

Query Match 3.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 567 CTCCAGACCAAGAC 581
|||||
Db 1 CTCCAGACCAAGAC 15

RESULT 375
US-09-528-209A-8326
; Sequence 8326, Application US/09528209A
; GENERAL INFORMATION:
; APPLICANT: Agilent Technologies
; TITLE OF INVENTION: Computational Method for Constructing a Universal
; Tag-Antitag Molecular Array System for Hybridization
; TITLE OF INVENTION: Analysis
; FILE REFERENCE: 10992790
; CURRENT APPLICATION NUMBER: US/09/528,209A
; CURRENT FILING DATE: 2000-03-17
; NUMBER OF SEQ ID NOS: 10286
; SOFTWARE: Bergstrom Sequence Formatter
; SEQ ID NO 8326
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: A tag sequence incorporated in a probe nucleotide, the tag
; sequence complementary to an antitag sequence incorporated
; OTHER INFORMATION: within a universal tag-antitag molecular array
US-09-528-209A-8326

Query Match 3.4%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 2.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 582 TTTTGTCTGTTTT 596
|||||
Db 1 TTTTGTCTGTTTT 15

RESULT 376
US-10-287-787-9183
; Sequence 9183, Application US/10287787
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Caulobacter crescentus complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,787
; CURRENT FILING DATE: 2003-03-03
; NUMBER OF SEQ ID NOS: 27958
```

```
; SOFTWARE: Proprietary
; SEQ ID NO 9183
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Caulobacter crescentus complete genome.
; FEATURE:
; LOCATION: (1248427)...(1248442)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectionObjectNumber = 10064
US-10-287-787-9183

Query Match 3.4%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 2.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 674 TGGCGACCCACG 688
|||||
Db 2 TGGCGACCCACG 16

RESULT 377
US-10-605-840-2672
; Sequence 2672, Application US/10605840
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VACCINIA REGULATORY
; FILE REFERENCE: GENES AND USES THEREOF
; FILE REFERENCE: 55027
; CURRENT APPLICATION NUMBER: US/10/605,840
; CURRENT FILING DATE: 2003-10-30
; NUMBER OF SEQ ID NOS: 3750
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2672
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
; ORGANISM: Homo sapiens
US-10-605-840-2672

Query Match 3.4%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 2.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 794 TGCCAGAGCTCTCC 808
|||||
Db 2 TGCCAGAGCTCTCC 16

RESULT 378
PCT-US98-10391-47
; Sequence 47, Application PC/TUS9810391
; GENERAL INFORMATION:
; APPLICANT: Gonsalves, Dennis
; APPLICANT: Meng, Baozhong
; TITLE OF INVENTION: RUPESTRIS STEM PITTING ASSOCIATED VIRUS
; TITLE OF INVENTION: NUCLEIC ACIDS, PROTEINS, AND THEIR USES
; NUMBER OF SEQUENCES: 54
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
; STREET: Clinton Square, P.O. Box 1051
; CITY: Rochester
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 14603
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US98/10391
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/047,147
```

;; FILING DATE: 20-MAY-1997
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 60/069,902
;; FILING DATE: 17-DEC-1997
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Goldman, Michael L.
;; REGISTRATION NUMBER: 30,727
;; REFERENCE/DOCKET NUMBER: 19603/1722
;; TELEPHONE: (716) 263-1304
;; TELEFAX: (716) 263-1600
;; INFORMATION FOR SEQ ID NO: 47:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cDNA
PCT-US98-10391-47

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 762 TAGGCTCCACTTCT 776
Db 1 TGGGCTCCACTTCT 15

RESULT 379
US-08-168-920E-90
; Sequence 90, Application US/08168920E
; GENERAL INFORMATION:
; APPLICANT: Dervan, Peter B.
; APPLICANT: Beal, Peter A.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TRIPLE-HELIX FORMATION
; FILE REFERENCE: A-56557-3
; CURRENT APPLICATION NUMBER: US/08/168,920E
; CURRENT FILING DATE: 1993-12-16
; PRIOR APPLICATION NUMBER: 07/946,976
; PRIOR FILING DATE: 1992-09-17
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 90
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)
; OTHER INFORMATION: T at position 1 = thymidine-EDTA.
; NAME/KEY: misc_feature
; LOCATION: (3)
; OTHER INFORMATION: N at position 3, and 10 = d2 as defined on page 34
; OTHER INFORMATION: of the specification.
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-08-168-920E-90

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 582 TTTTCTCTGTTTCT 598
Db 1 TTTTCTCTGTTTCT 17

RESULT 380
US-08-435-632-1575
; Sequence 1575, Application US/08435632
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth

;; APPLICANT: McSwiggen, James
;; APPLICANT: Jarvis, Thale
;; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
;; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
;; TITLE OF INVENTION: CANCER USING RIBOZYMES
;; NUMBER OF SEQUENCES: 2627
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Lyon & Lyon
;; STREET: 633 West Fifth Street
;; CITY: Los Angeles
;; STATE: California
;; COUNTRY: U.S.A.
;; ZIP: 90071
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; MEDIUM TYPE: storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: Word Perfect 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/435,632
;; FILING DATE: 05-MAY-1995
;; CLASSIFICATION: 514
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/373,124
;; FILING DATE: January 13, 1995
;; APPLICATION NUMBER: 08/245,466
;; FILING DATE: May 18, 1994
;; APPLICATION NUMBER: 08/192,943
;; FILING DATE: February 7, 1994
;; APPLICATION NUMBER: 07/987,132
;; FILING DATE: December 7, 1992
;; APPLICATION NUMBER: 07/936,422
;; FILING DATE: August 26, 1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 209/035
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 1575:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-08-435-632-1575

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 2.3e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 802 GCTCTCTCCCACTC 816
Db 1 GCUCCUCGACUC 15

RESULT 381
US-08-777-920-1575
; Sequence 1575, Application US/08777920
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:

```
/
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: Storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/777,920
/ FILING DATE: 23-DEC-1996
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/373,124
/ FILING DATE: January 13, 1995
/ APPLICATION NUMBER: 08/245,466
/ FILING DATE: May 18, 1994
/ APPLICATION NUMBER: 08/192,943
/ FILING DATE: February 7, 1994
/ APPLICATION NUMBER: 07/987,132
/ FILING DATE: December 7, 1992
/ APPLICATION NUMBER: 07/936,422
/ FILING DATE: August 26, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 209/035
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 1575:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
/ US-08-777-920-1575
/
/ Query Match 3.4%; Score 13.4; DB 1; Length 17;
/ Best Local Similarity 66.7%; Pred. No. 2.3e+02;
/ Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;
/
/ QY 802 GCTCTCTCTCCAACTC 816
/ Db 1 GCUCUCCUGAACUC 15
/
/ RESULT 382
/ US-09-404-912-486/c
/ Sequence 486, Application US/09404912
/ GENERAL INFORMATION:
/ APPLICANT: John Landers
/ APPLICANT: David Houseman
/ APPLICANT: Barbara Jordan
/ APPLICANT: Alain Charest
/ TITLE OF INVENTION: Methods and Products Related to
/ FILE REFERENCE: M0656/7045(HCL/WAT)
/ CURRENT APPLICATION NUMBER: US/09/404,912
/ CURRENT FILING DATE: 1999-09-24
/ PRIOR APPLICATION NUMBER: US 60/101,757
/ PRIOR FILING DATE: 1998-09-25
/ PRIOR APPLICATION NUMBER: PCT/US99/22283
/ PRIOR FILING DATE: 1999-09-24
/ NUMBER OF SEQ ID NOS: 691
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 486
/
/ Query Match 3.4%; Score 13.4; DB 1; Length 17;
/ Best Local Similarity 93.3%; Pred. No. 2.3e+02;
/ Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
/
/ QY 766 CCTCCACTTCTGAGG 780
/ Db 16 CCTCCGCTTCTGAGG 2
/
/ RESULT 383
/ US-09-404-912B-486/c
/ Sequence 486, Application US/09404912B
/ GENERAL INFORMATION:
/ APPLICANT: John Landers
/ APPLICANT: David Houseman
/ APPLICANT: Barbara Jordan
/ APPLICANT: Alain Charest
/ TITLE OF INVENTION: Methods and Products Related to Genotyping and DNA Analysis
/ FILE REFERENCE: M0656/7045(HCL/JAV)
/ CURRENT APPLICATION NUMBER: US/09/404,912B
/ CURRENT FILING DATE: 1999-09-24
/ PRIOR APPLICATION NUMBER: US 60/101,757
/ PRIOR FILING DATE: 1998-09-25
/ PRIOR APPLICATION NUMBER: PCT/US99/22283
/ PRIOR FILING DATE: 1999-09-24
/ NUMBER OF SEQ ID NOS: 691
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 486
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/
/ US-09-404-912B-486
/
/ Query Match 3.4%; Score 13.4; DB 1; Length 17;
/ Best Local Similarity 93.3%; Pred. No. 2.3e+02;
/ Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
/
/ QY 766 CCTCCACTTCTGAGG 780
/ Db 16 CCTCCGCTTCTGAGG 2
/
/ RESULT 384
/ US-09-568-189-47
/ Sequence 47, Application US/09568189
/ GENERAL INFORMATION:
/ APPLICANT: Gonsalves, Dennis
/ APPLICANT: Meng, Baozhong
/ TITLE OF INVENTION: RUPESTRIS STEM FITTING ASSOCIATED VIRUS
/ FILE REFERENCE: 07678/035004
/ CURRENT APPLICATION NUMBER: US/09/568,189
/ CURRENT FILING DATE: 2000-05-09
/ PRIOR APPLICATION NUMBER: 60/047,147
/ PRIOR FILING DATE: 1997-05-20
/ PRIOR APPLICATION NUMBER: 60/069,902
/ PRIOR FILING DATE: 1997-12-17
/ PRIOR APPLICATION NUMBER: 09/081,320
/ PRIOR FILING DATE: 1998-05-19
/ NUMBER OF SEQ ID NOS: 54
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 47
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic based on Rupestris stem pitting
/ OTHER INFORMATION: associated virus .
```


ORGANISM: Homo sapiens
US-09-818-875-788

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 582 TTTTGTCTCTGTTT 596
|||:|||||:
Db 2 TTTGGTCTCTGTTT 16
|||:|||||:

RESULT 389

US-09-827-395A-461
; Sequence 461, Application US/09827395A
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowrira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor G
; FILE REFERENCE: MHB00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 461
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-461

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 2.3e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 614 GACTCTGCTGCTGTC 628
|||:|||||:
Db 1 GACUCUGCCUGGCUC 15
|||:|||||:

RESULT 390

US-09-827-395A-744
; Sequence 744, Application US/09827395A
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowrira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor G
; FILE REFERENCE: MHB00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 744
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-744

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 2.3e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 614 GACTCTGCTGCTGTC 628
|||:|||||:
Db 3 GACUCUGCCUGGCUC 17
|||:|||||:

RESULT 391

US-09-848-754A-1328/c
; Sequence 1328, Application US/09848754A
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1328
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-1328

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 679 GACCCCGAGGCCAC 693
|||:|||||:
Db 17 GATCCCGAGGCCAC 3
|||:|||||:

RESULT 392

US-09-848-754A-1329/c
; Sequence 1329, Application US/09848754A
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1329
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-1329

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 679 GACCCCGAGGCCAC 693
|||:|||||:
Db 16 GATCCCGAGGCCAC 2
|||:|||||:

RESULT 393

US-10-061-201-1114
; Sequence 1114, Application US/10061201
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664

QY 744 GTAGGTCCTCCAGGCT 758
Db 3 GTAGGTCCTCCAGGCT 17

RESULT 394
US-10-061-201-1118
; Sequence 1118, Application US/10061201
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 1114
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1114

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 744 GTAGGTCCTCCAGGCT 758
Db 3 GTAGGTCCTCCAGGCT 17

RESULT 394
US-10-061-201-1118
; Sequence 1118, Application US/10061201
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 1118
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1118

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 746 AGGGTCCAGGCTCC 760
Db 1 AGGGTCCAGGCTCC 15

RESULT 395
US-10-209-787-787/c
; Sequence 787, Application US/10209787
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 787
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-787

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 582 TTTTGTCTCTGTTTT 596
Db 16 TTTTGTCTCTGTTTT 2

RESULT 396
US-10-209-787-788
; Sequence 788, Application US/10209787
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 788
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-788


```
Query Match          3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 582 TTTGTTCTGTTTTT 596
    ||| ||| ||| ||| |||
Db 2 TTGGTTCTGTTTTT 16

RESULT 397
US-10-261-185-787/c
; Sequence 787, Application US/10261185
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: NaPro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 787
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-787

Query Match          3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 582 TTTGTTCTGTTTTT 596
    ||| ||| ||| ||| |||
Db 16 TTGGTTCTGTTTTT 2

RESULT 398
US-10-261-185-788
; Sequence 788, Application US/10261185
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: NaPro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
```

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; SEQ ID NO 788
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-788

Query Match          3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 582 TTTGTTCTGTTTTT 596
    ||| ||| ||| ||| |||
Db 2 TTGGTTCTGTTTTT 16

RESULT 399
US-10-310-188-34575
; Sequence 34575, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 34575
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-34575

Query Match          3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 625 GTTCCTGAGAGGCG 639
    ||| ||| ||| ||| |||
Db 2 GTCCTGAGAGGCG 16

RESULT 400
US-10-310-188-43890
; Sequence 43890, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 43890
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-43890

Query Match          3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 546 CTAGGGCTCCCCAGC 560
    ||| ||| ||| ||| |||
Db 2 CTGGGCTCCCCAGC 16

RESULT 401
US-10-338-777-363
; Sequence 363, Application US/10338777
; GENERAL INFORMATION:
```

APPLICANT: Lynx Therapeutics, Inc.
APPLICANT: United States Department of Agriculture
APPLICANT: Bowen, Benjamin A
APPLICANT: Haudenschild, Christian D
APPLICANT: Buckler, Edward S
TITLE OF INVENTION: Identification of Genes Associated with Growth in Plants
FILE REFERENCE: 37-000510US
CURRENT APPLICATION NUMBER: US/10/338,777
CURRENT FILING DATE: 2003-01-07
NUMBER OF SEQ ID NOS: 405
SOFTWARE: PatentIn version 3.1
SEQ ID NO 363
LENGTH: 17
TYPE: DNA
ORGANISM: Arabidopsis thaliana
US-10-338-777-363

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 830 TCTCTTTTCTTCT 844
|||:|:|:|:|:|:|:|
DB 3 TCTCTTTTCTTCT 17

RESULT 402

US-10-430-882-461
Sequence 461, Application US/10430882
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Lawrence Blatt
APPLICANT: James McSwiggen
APPLICANT: Bharat Chowirra
APPLICANT: Peter Haerberli
TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor G
FILE REFERENCE: MBH00-878-H (400/112)
CURRENT APPLICATION NUMBER: US/10/430,882
CURRENT FILING DATE: 2003-05-06
PRIOR APPLICATION NUMBER: 09/827,395
PRIOR FILING DATE: 2001-04-05
PRIOR APPLICATION NUMBER: 09/780,533
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: PCT/US01/04273
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/181,797
PRIOR FILING DATE: 2000-02-11
PRIOR APPLICATION NUMBER: PCT/US02/10512
PRIOR FILING DATE: 2002-04-03
NUMBER OF SEQ ID NOS: 2617
SOFTWARE: PatentIn version 3.0
SEQ ID NO 461
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-430-882-461

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 2.3e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 614 GACTCTGCTGCTTC 628
|||:|:|:|:|:|:|:|
DB 1 GACUCUGCCUGGUC 15

RESULT 403

US-10-430-882-744
Sequence 744, Application US/10430882
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Lawrence Blatt
APPLICANT: James McSwiggen

APPLICANT: Bharat Chowirra
APPLICANT: Peter Haerberli
TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor G
FILE REFERENCE: MBH00-878-H (400/112)
CURRENT APPLICATION NUMBER: US/10/430,882
CURRENT FILING DATE: 2003-05-06
PRIOR APPLICATION NUMBER: 09/827,395
PRIOR FILING DATE: 2001-04-05
PRIOR APPLICATION NUMBER: 09/780,533
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: PCT/US01/04273
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/181,797
PRIOR FILING DATE: 2000-02-11
PRIOR APPLICATION NUMBER: PCT/US02/10512
PRIOR FILING DATE: 2002-04-03
NUMBER OF SEQ ID NOS: 2617
SOFTWARE: PatentIn version 3.0
SEQ ID NO 744
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-430-882-744

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 2.3e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 614 GACTCTGCTGCTTC 628
|||:|:|:|:|:|:|:|
DB 3 GACUCUGCCUGGUC 17

RESULT 404

US-10-471-271-461
Sequence 461, Application US/10471271
GENERAL INFORMATION:
APPLICANT: Blatt, Lawrence
APPLICANT: Chowirra, Bharat
APPLICANT: Haerberli, Peter
APPLICANT: McSwiggen, James
APPLICANT: Fosnaugh, Kathy
TITLE OF INVENTION: Modulation of Gene Expression Associated with Inflammation Prolif
FILE REFERENCE: MBH 02-258-PCT (400/045)
CURRENT APPLICATION NUMBER: US/10/471,271
CURRENT FILING DATE: 2003-09-05
PRIOR APPLICATION NUMBER: 60/181,797
PRIOR FILING DATE: 2000-02-11
PRIOR APPLICATION NUMBER: 09/780,533
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 09/827,395
PRIOR FILING DATE: 2001-04-05
PRIOR APPLICATION NUMBER: 60/294,412
PRIOR FILING DATE: 2001-05-29
PRIOR APPLICATION NUMBER: 60/315,315
PRIOR FILING DATE: 2001-08-28
NUMBER OF SEQ ID NOS: 13274
SOFTWARE: PatentIn version 3.0
SEQ ID NO 461
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-471-271-461

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 2.3e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 614 GACTCTGCTGCTTC 628
|||:|:~|:~|:~|:~|:~|
DB 1 GACUCUGCCUGGUC 15

RESULT 405
US-10-471-271-744
; Sequence 744, Application US/10471271
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: Chowhira, Bharat
; APPLICANT: Haeblerli, Peter
; APPLICANT: McSwiggen, James
; APPLICANT: Fonaugh, Kathy
; TITLE OF INVENTION: Modulation of Gene Expression Associated with Inflammation Prolif
; TITLE OF INVENTION: and Neurite Growth Using Nucleic Acid Based Technologies
; FILE REFERENCE: MBHB 02-258-PCT (400/045)
; CURRENT APPLICATION NUMBER: US/10/471,271
; CURRENT FILING DATE: 2003-09-05
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 09/827,395
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/294,412
; PRIOR FILING DATE: 2001-05-29
; PRIOR APPLICATION NUMBER: 60/315,315
; PRIOR FILING DATE: 2001-08-28
; NUMBER OF SEQ ID NOS: 13274
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 744
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-471-271-744

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 2.3e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;
QY 614 GACTCTGCTGGTTC 628
|||:|:|:|:|:|:|:
Db 3 GACUCUGCCUGGCUC 17

RESULT 406
US-10-623-107-787/c
; Sequence 787, Application US/10623107
; GENERAL INFORMATION:
; APPLICANT: KMEC, ERIC B.
; TITLE OF INVENTION: TARGETED NUCLEIC ACID SEQUENCE ALTERATION USING PLURAL
; FILE REFERENCE: OLIGONUCLEOTIDES
; CURRENT APPLICATION NUMBER: US/10/623,107
; CURRENT FILING DATE: 2003-07-18
; PRIOR APPLICATION NUMBER: US 60/397,555
; PRIOR FILING DATE: 2002-07-19
; NUMBER OF SEQ ID NOS: 7046
; SOFTWARE: PatentIn ver 3.2
; SEQ ID NO 787
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-623-107-787

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 582 TTGTGTTCTGTTTT 596
|||:|:|:|:|:|:|:
Db 16 TTGTGTTCTGTTTT 2

RESULT 407
US-10-623-107-788

; Sequence 788, Application US/10623107
; GENERAL INFORMATION:
; APPLICANT: KMEC, ERIC B.
; TITLE OF INVENTION: TARGETED NUCLEIC ACID SEQUENCE ALTERATION USING PLURAL
; FILE REFERENCE: OLIGONUCLEOTIDES
; CURRENT APPLICATION NUMBER: US/10/623,107
; CURRENT FILING DATE: 2003-07-18
; PRIOR APPLICATION NUMBER: US 60/397,555
; PRIOR FILING DATE: 2002-07-19
; NUMBER OF SEQ ID NOS: 7046
; SOFTWARE: PatentIn ver 3.2
; SEQ ID NO 788
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-623-107-788

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 582 TTGTGTTCTGTTTT 596
|||:|:|:|:|:|:|:
Db 2 TTGTGTTCTGTTTT 16

RESULT 408
US-10-676-154-486/c
; Sequence 486, Application US/10676154
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charest
; TITLE OF INVENTION: Methods and Products Related to
; FILE REFERENCE: M0656/7045(HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/676,154
; CURRENT FILING DATE: 2003-09-29
; PRIOR APPLICATION NUMBER: US 60/101,757
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 691
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 486
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-676-154-486

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 766 CCTCCCTCTCTGAGG 780
|||:|:|:|:|:|:|:
Db 16 CCTCCCTCTCTGAGG 2

RESULT 409
US-10-681-074-787/c
; Sequence 787, Application US/10681074
; GENERAL INFORMATION:
; APPLICANT: KMEC, ERIC B.
; APPLICANT: VAN BRASANT, ANJA
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN
; FILE REFERENCE: OLIGONUCLEOTIDE-DIRECTED NUCLEIC ACID SEQUENCE ALTERATION
; CURRENT APPLICATION NUMBER: US/10/681,074
; CURRENT FILING DATE: 2003-10-07
; PRIOR APPLICATION NUMBER: US 60/453,360

;/ PRIOR FILING DATE: 2003-03-07
;/ PRIOR APPLICATION NUMBER: US 60/416,983
;/ PRIOR FILING DATE: 2002-10-07
;/ NUMBER OF SEQ ID NOS: 4375
;/ SOFTWARE: PatentIn version 3.2
;/ SEQ ID NO 787
;/ LENGTH: 17
;/ TYPE: DNA
;/ ORGANISM: Homo sapiens
US-10-681-074-787

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 582 TTTTGTCTCTGTTTT 596
DB 16 TTGTGTTCTGTTTT 2

RESULT 410

US-10-681-074-788
;/ Sequence 788, Application US/10681074
;/ GENERAL INFORMATION:

;/ APPLICANT: KWIEC, ERIC B.
;/ APPLICANT: VAN BRABANT, ANJA
;/ TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN
;/ TITLE OF INVENTION: OLIGONUCLEOTIDE-DIRECTED NUCLEIC ACID SEQUENCE ALTERATION
;/ FILE REFERENCE: NaPro-18 US
;/ CURRENT APPLICATION NUMBER: US/10/681,074
;/ CURRENT FILING DATE: 2003-10-07
;/ PRIOR APPLICATION NUMBER: US 60/453,360
;/ PRIOR FILING DATE: 2003-03-07
;/ PRIOR APPLICATION NUMBER: US 60/416,983
;/ PRIOR FILING DATE: 2002-10-07
;/ NUMBER OF SEQ ID NOS: 4375
;/ SOFTWARE: PatentIn version 3.2
;/ SEQ ID NO 788
;/ LENGTH: 17
;/ TYPE: DNA
;/ ORGANISM: Homo sapiens
US-10-681-074-788

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 582 TTTTGTCTCTGTTTT 596
DB 2 TTGTGTTCTGTTTT 16

RESULT 411

US-10-723-361-2137/c
;/ Sequence 2137, Application US/10723361
;/ GENERAL INFORMATION:

;/ APPLICANT: GU, Yizhong
;/ APPLICANT: JI, Yonggang
;/ APPLICANT: PENN, Sharron G.
;/ APPLICANT: HANZEL, David K.
;/ APPLICANT: RANK, David R.
;/ APPLICANT: CHEN, Wensheng
;/ APPLICANT: SHANNON, Mark
;/ TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
;/ FILE REFERENCE: PB0105
;/ CURRENT APPLICATION NUMBER: US/10/723,361
;/ CURRENT FILING DATE: 2003-11-26
;/ PRIOR APPLICATION NUMBER: US 09/866,108
;/ PRIOR FILING DATE: 2001-05-25
;/ PRIOR APPLICATION NUMBER: US 60/207,456
;/ PRIOR FILING DATE: 2000-05-26
;/ PRIOR APPLICATION NUMBER: GB 24263.6
;/ PRIOR FILING DATE: 2000-10-04

;/ PRIOR APPLICATION NUMBER: US 60/236,359
;/ PRIOR FILING DATE: 2000-09-27
;/ PRIOR APPLICATION NUMBER: PCT/US01/00666
;/ PRIOR FILING DATE: 2001-01-30
;/ PRIOR APPLICATION NUMBER: PCT/US01/00667
;/ PRIOR FILING DATE: 2001-01-30
;/ PRIOR APPLICATION NUMBER: PCT/US01/00664
;/ PRIOR FILING DATE: 2001-01-30
;/ PRIOR APPLICATION NUMBER: PCT/US01/00669
;/ PRIOR FILING DATE: 2001-01-30
;/ PRIOR APPLICATION NUMBER: PCT/US01/00665
;/ PRIOR FILING DATE: 2001-01-30
;/ PRIOR APPLICATION NUMBER: PCT/US01/00668
;/ PRIOR FILING DATE: 2001-01-30
;/ Remaining Prior Application data removed - See File Wrapper or PALM.
;/ NUMBER OF SEQ ID NOS: 15755
;/ SOFTWARE: Acomica Sequence Listing Engine
;/ SEQ ID NO 2137
;/ LENGTH: 17
;/ TYPE: DNA
;/ ORGANISM: Homo sapiens
US-10-723-361-2137

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 683 CCCAGGCCACACTG 697
DB 17 CCCAGGCCACACTG 3

RESULT 412

US-10-723-361-2138/c
;/ Sequence 2138, Application US/10723361
;/ GENERAL INFORMATION:

;/ APPLICANT: GU, Yizhong
;/ APPLICANT: JI, Yonggang
;/ APPLICANT: PENN, Sharron G.
;/ APPLICANT: HANZEL, David K.
;/ APPLICANT: RANK, David R.
;/ APPLICANT: CHEN, Wensheng
;/ APPLICANT: SHANNON, Mark
;/ TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
;/ FILE REFERENCE: PB0105
;/ CURRENT APPLICATION NUMBER: US/10/723,361
;/ CURRENT FILING DATE: 2003-11-26
;/ PRIOR APPLICATION NUMBER: US 09/866,108
;/ PRIOR FILING DATE: 2001-05-25
;/ PRIOR APPLICATION NUMBER: US 60/207,456
;/ PRIOR FILING DATE: 2000-05-26
;/ PRIOR APPLICATION NUMBER: GB 24263.6
;/ PRIOR FILING DATE: 2000-10-04
;/ PRIOR APPLICATION NUMBER: US 60/236,359
;/ PRIOR FILING DATE: 2000-09-27
;/ PRIOR APPLICATION NUMBER: PCT/US01/00666
;/ PRIOR FILING DATE: 2001-01-30
;/ PRIOR APPLICATION NUMBER: PCT/US01/00667
;/ PRIOR FILING DATE: 2001-01-30
;/ PRIOR APPLICATION NUMBER: PCT/US01/00664
;/ PRIOR FILING DATE: 2001-01-30
;/ PRIOR APPLICATION NUMBER: PCT/US01/00669
;/ PRIOR FILING DATE: 2001-01-30
;/ PRIOR APPLICATION NUMBER: PCT/US01/00665
;/ PRIOR FILING DATE: 2001-01-30
;/ PRIOR APPLICATION NUMBER: PCT/US01/00668
;/ PRIOR FILING DATE: 2001-01-30
;/ Remaining Prior Application data removed - See File Wrapper or PALM.
;/ NUMBER OF SEQ ID NOS: 15755
;/ SOFTWARE: Acomica Sequence Listing Engine
;/ SEQ ID NO 2138
;/ LENGTH: 17
;/ TYPE: DNA

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; ORGANISM: Homo sapiens
US-10-723-361-2138

Query Match          3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 683 CCCAGGGCCACACTG 697
    |||||
Db 16 CCCAGGGCCACAATG 2

RESULT 413
US-10-723-361-2139/c
; Sequence 2139, Application US/10723361
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 2139
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-2139

Query Match          3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 683 CCCAGGGCCACACTG 697
    |||||
Db 15 CCCAGGGCCACAATG 1

RESULT 414
US-10-767-154-486/c
; Sequence 486, Application US/10767154
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charest
```

```
; TITLE OF INVENTION: Methods and Products Related to
; FILE REFERENCE: M0656/7045(HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/767,154
; CURRENT FILING DATE: 2003-09-29
; PRIOR APPLICATION NUMBER: US 60/101,757
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 691
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 486
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-767-154-486

Query Match          3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 766 CCTCCACTTCTGAGG 780
    |||||
Db 16 CCTCCGCTTCTGAGG 2

RESULT 415
US-60-328-205-1114
; Sequence 1114, Application US/60328205
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: AEOmica-26
; CURRENT APPLICATION NUMBER: US/60/328,205
; CURRENT FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1114
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-328-205-1114

Query Match          3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 744 GTAGGTCCTCCAGGT 758
    |||||
Db 3 GTAGGGGCCCAAGGT 17

RESULT 416
US-60-328-205-1118
; Sequence 1118, Application US/60328205
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: AEOmica-26
; CURRENT APPLICATION NUMBER: US/60/328,205
; CURRENT FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1118
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-328-205-1118

Query Match          3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY 746 AGGTCCTCCAGGTC 760
Db 1 AGGGCCCGAGGTC 15

RESULT 417

PCT-US99-23171-85

; Sequence 85, Application PC/TUS9923171

; GENERAL INFORMATION:

; APPLICANT: Baker, Brenda F.

; APPLICANT: Cowser, Lex M.

; APPLICANT: Monia, Brett P.

; APPLICANT: Xu, Xiaoxing S.

; APPLICANT: Isis Pharmaceuticals, Inc.

; TITLE OF INVENTION: ANTISENSE MODULATION OF EXPRESSION OF TUMOR NECROSIS FACTOR RECEPTOR

; FILE REFERENCE: ISPH-0411

; CURRENT APPLICATION NUMBER: PCT/US99/23171

; CURRENT FILING DATE: 1999-10-05

; NUMBER OF SEQ ID NOS: 268

; SEQ ID NO 85

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: antisense sequence

PCT-US99-23171-85

Query Match 3.4%; Score 13.4; DB 1; Length 18;

Best Local Similarity 93.3%; Pred. No. 2.4e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 770 CACTTGTGAGGCAG 784

Db 1 CACTTGTGAGGCAG 15

RESULT 418

US-09-295-487A-8/c

; Sequence 8, Application US/09295487A

; GENERAL INFORMATION:

; APPLICANT: HEKIML, Siegfried

; TITLE OF INVENTION: STRUCTURAL AND FUNCTIONAL CONSERVATION

; FILE REFERENCE: OF THE C. ELEGANS CLOCK GENE CLK-1

; CURRENT APPLICATION NUMBER: US/09/295,487A

; CURRENT FILING DATE: 1999-04-20

; PRIOR FILING DATE: 1996-10-21

; PRIOR APPLICATION NUMBER: 60/028,977

; PRIOR FILING DATE: 1996-10-21

; PRIOR APPLICATION NUMBER: 60/033,196

; PRIOR FILING DATE: 1996-12-18

; NUMBER OF SEQ ID NOS: 20

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 8

; LENGTH: 18

; TYPE: DNA

; ORGANISM: artificial sequence

; FEATURE:

; OTHER INFORMATION: primer SHP59

US-09-295-487A-8

Query Match 3.4%; Score 13.4; DB 1; Length 18;

Best Local Similarity 93.3%; Pred. No. 2.4e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 827 GTGCTCTTTTCTTC 841

Db 18 GTGCTCTTTTCTTC 4

RESULT 419

US-09-295-487B-8/c

; Sequence 8, Application US/09295487B

; GENERAL INFORMATION:

; APPLICANT: HEKIML, Siegfried

; TITLE OF INVENTION: STRUCTURAL AND FUNCTIONAL CONSERVATION

; FILE REFERENCE: OF THE C. ELEGANS CLOCK GENE CLK-1

; CURRENT APPLICATION NUMBER: US/09/295,487B

; CURRENT FILING DATE: 2002-01-24

; PRIOR FILING DATE: 1996-10-21

; PRIOR APPLICATION NUMBER: 60/028,977

; PRIOR FILING DATE: 1996-10-21

; PRIOR APPLICATION NUMBER: 60/033,196

; PRIOR FILING DATE: 1996-12-18

; NUMBER OF SEQ ID NOS: 20

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 8

; LENGTH: 18

; TYPE: DNA

; ORGANISM: artificial sequence

; FEATURE:

; OTHER INFORMATION: primer SHP59

US-09-295-487B-8

Query Match 3.4%; Score 13.4; DB 1; Length 18;

Best Local Similarity 93.3%; Pred. No. 2.4e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 827 GTGCTCTTTTCTTC 841

Db 18 GTGCTCTTTTCTTC 4

RESULT 420

US-09-295-487C-8/c

; Sequence 8, Application US/09295487C

; GENERAL INFORMATION:

; APPLICANT: HEKIML, Siegfried

; TITLE OF INVENTION: STRUCTURAL AND FUNCTIONAL CONSERVATION

; FILE REFERENCE: OF C. ELEGANS CLOCK GENE CLK-1

; CURRENT APPLICATION NUMBER: US/09/295,487C

; CURRENT FILING DATE: 1999-04-20

; PRIOR FILING DATE: 1996-10-21

; PRIOR APPLICATION NUMBER: 60/028,977

; PRIOR FILING DATE: 1996-10-21

; PRIOR APPLICATION NUMBER: 60/033,196

; PRIOR FILING DATE: 1996-12-18

; NUMBER OF SEQ ID NOS: 29

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 8

; LENGTH: 18

; TYPE: DNA

; ORGANISM: artificial sequence

; FEATURE:

; OTHER INFORMATION: primer SHP59

US-09-295-487C-8

Query Match 3.4%; Score 13.4; DB 1; Length 18;

Best Local Similarity 93.3%; Pred. No. 2.4e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 827 GTGCTCTTTTCTTC 841

Db 18 GTGCTCTTTTCTTC 4

RESULT 421

US-10-067-125-85

; Sequence 85, Application US/10067125

; GENERAL INFORMATION:

; APPLICANT: Baker, Brenda F.

; APPLICANT: Cowser, Lex M.

; APPLICANT: Monia, Brett P.

; APPLICANT: Xu, Xiaoxing S.

; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION

; FILE REFERENCE: ISPH-0321

; CURRENT APPLICATION NUMBER: US/10/067,125
; CURRENT FILING DATE: 2002-02-04
; PRIOR APPLICATION NUMBER: 09/167,109
; PRIOR FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 228
; SEQ ID NO 85
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-10-067-125-85

Query Match 3.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 770 CACTTCTGAGGCAG 784
|||||
Db 1 CACTTGTGAGGCAG 15

RESULT 422

US-10-293-338-954/c
; Sequence 954, Application US/10293338
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY GENES AND
; FILE REFERENCE: 45282
; CURRENT APPLICATION NUMBER: US/10/293,338
; CURRENT FILING DATE: 2002-11-14
; NUMBER OF SEQ ID NOS: 8785
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 954
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-293-338-954

Query Match 3.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 761 CTAGGCTCCACTTC 775
|||||
Db 15 CTGGGCTCCACTTC 1

RESULT 423

US-10-310-188-27166/c
; Sequence 27166, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86941
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 27166
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-27166

Query Match 3.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 581 CTTTGTCTGTTT 595
|||||

Db 17 CTTTGTCTGTTT 3

RESULT 424

US-10-310-188-85078/c
; Sequence 85078, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 85078
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-85078

Query Match 3.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 527 TTCCCAACATCTCT 541
|||||
Db 17 TTCCCAACATCTCT 3

RESULT 425

US-10-349-143-8403/c
; Sequence 8403, Application US/10349143
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8403
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-1520 for SEQ 538, in complement
US-10-349-143-8403

Query Match 3.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 518 ACCAATACCTTCCCA 532
|||||
Db 16 ACCAATACCTTCCCA 2

RESULT 426

US-60-216-745-9481
; Sequence 9481, Application US/60216745
; GENERAL INFORMATION:

APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Abderrahim, Hadi
APPLICANT: Dufauré-Gare, Isabelle
TITLE OF INVENTION: BIALLELIC MARKER MAPS FOR USE IN CONSTRUCTING A HIGH DENSITY...
FILE REFERENCE: 84. US1.PRO
CURRENT APPLICATION NUMBER: US/60/216,745
CURRENT FILING DATE: 2000-06-30
NUMBER OF SEQ ID NOS: 13665
SOFTWARE: Patent.pm
SEQ ID NO 9481
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: downstream amplification primer 99-40519 for SEQ 419, in compleme
US-60-216-745-9481

Query Match 3.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 830 TCTCTTTTCTCTCT 844
DB 2 TCTCTTTTCTCTCT 16

RESULT 427
PCT-US03-16651-320
Sequence 320, Application PC/TUS0316651
GENERAL INFORMATION:
APPLICANT: CepTyr, Inc.
APPLICANT: Lewis, Stephen Patrick
APPLICANT: Klinghoffer, Richard
APPLICANT: Wilson, Linda K.
TITLE OF INVENTION: MODULATION OF PTP1B SIGNAL TRANSDUCTION
FILE REFERENCE: 200125.441PC
CURRENT APPLICATION NUMBER: PCT/US03/16651
CURRENT FILING DATE: 2003-05-23
NUMBER OF SEQ ID NOS: 599
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 320
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Small interfering RNA
PCT-US03-16651-320

Query Match 3.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 506 ACAACCCACAGTACC 520
DB 5 ACAACCCAUAGUACC 19

RESULT 428
PCT-US03-16651-321
Sequence 321, Application PC/TUS0316651
GENERAL INFORMATION:
APPLICANT: CepTyr, Inc.
APPLICANT: Lewis, Stephen Patrick
APPLICANT: Klinghoffer, Richard
APPLICANT: Wilson, Linda K.
TITLE OF INVENTION: MODULATION OF PTP1B SIGNAL TRANSDUCTION
FILE REFERENCE: 200125.441PC

CURRENT APPLICATION NUMBER: PCT/US03/16651
CURRENT FILING DATE: 2003-05-23
NUMBER OF SEQ ID NOS: 599
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 321
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Small interfering RNA
PCT-US03-16651-321

Query Match 3.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 506 ACAACCCACAGTACC 520
DB 4 ACAACCCAUAGUACC 18

RESULT 429
US-10-303-778-14621/c
Sequence 14621, Application US/10303778
GENERAL INFORMATION:
APPLICANT: RosettaGenomics
TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL
FILE REFERENCE: 47416
CURRENT APPLICATION NUMBER: US/10/303,778
CURRENT FILING DATE: 2002-11-26
NUMBER OF SEQ ID NOS: 17608
SOFTWARE: PatentIn version 3.1
SEQ ID NO 14621
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
US-10-303-778-14621

Query Match 3.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 691 CACACTGTACCTCC 705
DB 15 CACACTGTACTCTCC 1

RESULT 430
US-10-310-188-26928/c
Sequence 26928, Application US/10310188
GENERAL INFORMATION:
APPLICANT: RosettaGenomics
TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
FILE REFERENCE: 47487
CURRENT APPLICATION NUMBER: US/10/310,188
CURRENT FILING DATE: 2002-12-19
NUMBER OF SEQ ID NOS: 86941
SOFTWARE: PatentIn version 3.1
SEQ ID NO 26928
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
US-10-310-188-26928

Query Match 3.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 691 CACACTGTACCTCC 705
DB 15 CACACTGTACTCTCC 1


```

RESULT 431
US-10-310-188-58772
; Sequence 58772, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 58772
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-58772

Query Match      3.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      629 CTGACAGAGGCTCTCT 643
Db      4 CTGACAGAGGCTCTCT 18

RESULT 432
US-10-310-188-60432
; Sequence 60432, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 60432
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-60432

Query Match      3.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      512 CACAGTACCAATCACT 526
Db      1 CACAGTACCAATCACT 15

RESULT 433
US-10-310-188-61099
; Sequence 61099, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 61099
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-61099

Query Match      3.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      512 CACAGTACCAATCACT 526
Db      1 CACAGTACCAATCACT 15

RESULT 434
US-10-310-211-12/c
; Sequence 12, Application US/10313211
; GENERAL INFORMATION:
; APPLICANT: Pihan, German
; TITLE OF INVENTION: TARGETED GENETIC RISK-STRATIFICATION
; FILE REFERENCE: 07917-158001
; CURRENT APPLICATION NUMBER: US/10/313,211
; CURRENT FILING DATE: 2002-12-06
; PRIOR APPLICATION NUMBER: US 60/338,442
; PRIOR FILING DATE: 2001-12-07
; PRIOR APPLICATION NUMBER: US 60/423,793
; PRIOR FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-313-211-12

Query Match      3.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      529 CCCACATCCTCTGC 543
Db      15 CCCACATCCTCTGC 1

RESULT 435
US-10-444-925-320
; Sequence 320, Application US/10444925
; GENERAL INFORMATION:
; APPLICANT: Lewis, Stephen Patrick
; APPLICANT: Klinghoffer, Richard
; APPLICANT: Wilson, Linda K.
; TITLE OF INVENTION: MODULATION OF PTP1B SIGNAL TRANSDUCTION
; FILE REFERENCE: 200125.441
; CURRENT APPLICATION NUMBER: US/10/444,925
; CURRENT FILING DATE: 2003-05-23
; NUMBER OF SEQ ID NOS: 599
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 320
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Small interfering RNA
US-10-444-925-320

Query Match      3.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      506 ACAACCCACAGTACC 520
Db      5 ACAACCCACAGTACC 19
```

```

RESULT 436
US-10-444-925-321
; Sequence 321, Application US/10444925
; GENERAL INFORMATION:
; APPLICANT: Lewis, Stephen Patrick
; APPLICANT: Klinghoffer, Richard
; APPLICANT: Wilson, Linda K.
; TITLE OF INVENTION: MODULATION OF PTPLB SIGNAL TRANSDUCTION
; FILE REFERENCE: 200125.441
; CURRENT APPLICATION NUMBER: US/10/444,925
; CURRENT FILING DATE: 2003-05-23
; NUMBER OF SEQ ID NOS: 599
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 321
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Small interfering RNA
US-10-444-925-321

```

```

Query Match      3.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 506 ACAACCCACAGTACC 520
Db 4 ACAACCCACAGTACC 18

```

```

Search completed: March 8, 2004, 14:16:42
Job time : 4 secs

```